FOR CAR USE ONLY/NUR FÜR AUTOMOBIL GEBRAUCH/POUR APPLICATION AUTOMOBILE UNIQUEMENT/PARA USO EN AUTOMÓVILES/SOLO PER L'UTILIZZO IN AUTOMOBILE/ENDAST FÖR BILBRUK/ALLEEN VOOR GEBRUIK IN DE AUTO/ ТОЛЬКО ДЛЯ ИСПОЛЬЗОВАНИЯ В АВТОМОБИЛЯХ/DO UŻYCIA TYLKO W SAMOCHODZIE/ΓΙΑ ΧΡΗΣΗ ΜΟΝΟ ΣΕ ΑΥΤΟΚΙΝΗΤΟ

CD RECEIVER WITH DUAL USB AND BLUETOOTH

CDE-135BT

Made for iPod iPhone

Works with NOKIA

Bluetooth®

vTuner internet radio

- OWNER'S MANUAL
  Please read before using this equipment.
- BEDIENUNGSANLEITUNG
  Lesen Sie diese Bedienungsanleitung bitte vor Gebrauch des Gerätes.
- MODE D'EMPLOI
  Veuillez lire avant d'utiliser cet appareil.
- MANUAL DE OPERACIÓN
  Léalo antes de utilizar este equipo.
- ISTRUZIONI PER L'USO
  Si prega di leggere prima di utilizzare il attrezzatura.
- ANVÄNDARHANDLEDNING
  Innan du använder utrustningen bör du läsa igenom denna användarhandledning.
- GEBRUIKERSHANDLEIDING
  Lees deze aanwijzingen aandachtig alvorens dit toestel te gebruiken.
- РУКОВОДСТВО ПО ЭКСПЛУАТАЦИИ
  Прочтите настоящее руководство перед началом использования оборудования.
- INSTRUKCJA OBSŁUGI
  Prosimy zapoznać się z tą instrukcją przed przystąpieniem do użytkowania urządzenia.
- ΕΓΧΕΙΡΙΔΙΟ ΧΡΗΣΤΗ
  Παρακαλούμε διαβάστε το πριν χρησιμοποιήσετε τη συσκευή.

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Contents ENGLISH

Operating Instructions

WARNING

WARNING 6
CAUTION 6
PRECAUTIONS 6

Getting Started

Accessory List 9
Turning Power On and Off 9
Source Selection 9
Detaching and Attaching the Front Panel 9
Detaching 9
Attaching 9
Initial System Start-Up 9
Adjusting Volume 10
Setting the Dimmer Control 10

Radio

Listening to Radio 10
Presetting Stations Manually 10
Presetting Stations Automatically 11
Tuning to Preset Stations 11
Frequency Search Function 11

RDS

Turning AF (Alternative Frequencies) ON/OFF 11
Receiving RDS Regional (Local) Stations 12
PI SEEK Setting 12
Setting PTY31 (Emergency Broadcast) reception 12
Receiving Traffic Information 12
PTY (Programme Type) Tuning 13
Receiving Traffic Information While Playing CD or Radio 13
Priority News 13
Displaying Radio Text 13

CD/MP3/WMA/AAC

Playback 14
Repeat Play 14
M.I.X. (Random Play) 14
Searching for CD Text 14
Folder/File Name Search (concerning MP3/WMA/AAC) 14
Folder Name Search mode 14
File Name Search mode 15
Quick Search 15
About MP3/WMA/AAC 15
Terminology 16

Sound Setting

Adjusting Subwoofer Level/Bass Level/Mid Level/Treble Level/Balance (Between Left and Right)/Fader (Between Front and Rear)/AUX Mix Level/Loudness/Defeat 16
Sound Setting 17
Equalizer Presets (FACTORY EQ) 17
Adjusting the Parametric Equalizer Curve (3BAND EQ) 17
Setting the Bass Control 17
Setting the Mid Control 17
Setting the Treble Control 18
Adjusting the High Pass Filter 18
Turning Subwoofer ON/OFF 18
Adjusting the Low Pass Filter 18
Setting the Subwoofer Phase 18
Setting the Subwoofer System 18

Other Functions

Displaying the Text 19
About the indication display 19
About "Text" 19
Using the Front AUX Input Terminal 20

Contents ENGLISH

SETUP

Setting 20
General Setting 21
Playing MP3/WMA/AAC Data (PLAY MODE) 21
Setting the AUX SETUP Mode 21
Setting the AUX Level (AUX GAIN) 21
Setting the AUX MIX 21
Setting the Language (CYRILLIC) 21
Connecting to an External Amplifier (POWER IC) 21
Demonstration 22
Display Setting 22
Changing Lighting Colour 22
Scroll Type Setting 22
Scroll Setting (TEXT SCR) 22
Tuner Setting 22
Adjusting Source Signal Levels (FM-LEVEL) 22
USB and vTuner Setting 22
Setting the USB Search Mode 22
Setting the USB Skip function 23
Setting the vTuner Source 23
Setting the vTuner Volume 23

BT Hands Free Calling

Setup Before Using 23
About BLUETOOTH 23
Before Using BLUETOOTH Function 23
How to connect to a BLUETOOTH compatible device (Pairing) 23
Pairing a BLUETOOTH compatible device with SSP (Secure Simple Pairing) 24
Pairing a BLUETOOTH compatible device without SSP (Secure Simple Pairing) 24
BLUETOOTH SETUP 24
Setting the BLUETOOTH Connection (BT IN) 24
Hands-Free Phone setting (HFP) 24
BLUETOOTH Audio setting (AUDIO) 24
Setting the BLUETOOTH Device 24
Setting the Visible Mode 25
Pairing a BLUETOOTH Device from the unit 25
Setting the BLUETOOTH sound quality 25
Adjusting the volume (VOL LV ADJ) 25
Sound Auto setting (AUTO SET) 25
Setting the caller information display ON/OFF 25
Phone Book Auto Update ON/OFF 25
Setting the BLUETOOTH Menu language 25
Changing the Phone book List Order 26
Setting the Received Calls automatically (Auto Answer) 26
Displaying the phone service provider name 26
Selecting the output speaker 26
Displaying the firmware version 26
Updating the firmware 26
Hands-Free Phone Control 26
About the Hands-Free Phone 26
Answering a Call 26
Hanging up the Telephone 27
Calling 27
Voice Dial Operation 27
Redialing a Number In Outgoing History 27
Dialing a Number In Incoming History 27
Dialing a Number In Incoming Missed Call History 27
Dialing a Number In The Phone Book 28
Phone book Alphabet Search Function 28
Call waiting function 28
Preset a number in the Phone Menu (Shortcut dial) 28
Dialing the preset number 28
Adjusting the volume when receiving a Call 28
Muting the microphone input quickly (Voice Mute) 29
Call Switching Operation 29
BLUETOOTH Audio Operation 29
Recalling the BLUETOOTH Audio Mode 29
Selecting the desired Song 29
Pausing 29

USB Memory (optional)

Connecting USB Memory (optional) 29
When connect USB Memory to Front USB Connection Terminal 29
Remove USB Memory from Front USB Connection Terminal 29
Using the USB Memory Banking Function 30
Playback 30
Searching for a desired Song 30
Searching by Tag information 30
Searching by artist name 31
Searching by (FILE NAME) mode 31
Repeat Play 31
M.I.X. (Random Play) 31
Select Playlist/Artist/Album/Genre/Composer/ Folder 32
Alphabet Search Function (Tag search mode only) 32
Quick Search 32
Search Position Memory 32

Contents

ENGLISH

iPod/iPhone (optional)

Connecting an iPod/iPhone 33
Setting the iPod Control 33
Playback 33
Searching for a desired Song 33
Direct Search Function 34
Select Playlist/Artist/Album/Genre/Composer/ Episode 34
Alphabet Search Function 34
Search Position Memory 35
Random Play Shuffle (M.I.X.) 35
Repeat Play 35
Displaying the Text 35

vTuner internet radio (iPhone) (Optional)

Listening to vTuner 36
Storing the desired station to Favourite List 36
Jumping to Favourite station 36
Deleting stored station from Favourite List 36
Searching for a Desired Station 36
Changing the Display 37

Information

In Case of Difficulty 37
Basic 37
Radio 37
CD 37
MP3/WMA/AAC 38
Audio 38
iPod 38
Indication for CD Player 38
Indication for USB Memory 38
Indication for iPod Mode 39
Indication for vTuner Mode 39
BLUETOOTH mode 39
Specifications 40

Installation and Connections

WARNING 41
CAUTION 41
PRECAUTIONS 41

Installation 42
Removal 42
iPod/iPhone Connection (sold separately) 42
When connect to Front USB Connection Terminal 43
When connect to Rear USB Connector 43
Rear USB Memory Connection (sold separately) 43
Connect USB Memory 43
Remove USB Memory 43
Mounting the Microphone 43
Connections 44

Operating Instructions

WARNING

⚠ WARNING

This symbol means important instructions. Failure to heed them can result in serious injury or death.

DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISES WHILE DRIVING.

Excessive volume levels that obscure sounds such as emergency vehicle sirens or road warning signals (train crossings, etc.) can be dangerous and may result in an accident. LISTENING AT LOUD VOLUME LEVELS IN A CAR MAY ALSO CAUSE HEARING DAMAGE.

DO NOT DISASSEMBLE OR ALTER.

Doing so may result in an accident, fire or electric shock.

USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

KEEP SMALL OBJECTS SUCH AS BATTERIES OUT OF THE REACH OF CHILDREN.

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.

Failure to do so may result in fire or electric shock.

DO NOT BLOCK VENTS OR RADIATOR PANELS.

Doing so may cause heat to build up inside and may result in fire.

USE THIS PRODUCT FOR MOBILE 12V APPLICATIONS.

Use for other than its designed application may result in fire, electric shock or other injury.

DO NOT PLACE HANDS, FINGERS OR FOREIGN OBJECTS IN INSERTION SLOTS OR GAPS.

Doing so may result in personal injury or damage to the product.

⚠ CAUTION

This symbol means important instructions. Failure to heed them can result in injury or material property damage.

HALT USE IMMEDIATELY IF A PROBLEM APPEARS.

Failure to do so may cause personal injury or damage to the product. Return it to your authorized Alpine dealer or the nearest Alpine Service Centre for repairing.

⚠ PRECAUTIONS

Product Cleaning

Use a soft dry cloth for periodic cleaning of the product. For more severe stains, please dampen the cloth with water only. Anything else has the chance of dissolving the paint or damaging the plastic.

Temperature

Be sure the temperature inside the vehicle is between +60°C (+140°F) and –10°C (+14°F) before turning your unit on.

Moisture Condensation

You may notice the CD playback sound wavering due to condensation. If this happens, remove the disc from the player and wait about an hour for the moisture to evaporate.

Damaged Disc

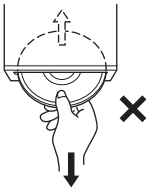
Do not attempt to play cracked, warped, or damaged discs. Playing a bad disc could severely damage the playback mechanism.

Maintenance

If you have problems, do not attempt to repair the unit yourself. Return it to your Alpine dealer or the nearest Alpine Service Station for servicing.

Never Attempt the Following

Do not grip or pull out the disc while it is being pulled back into the player by the automatic reloading mechanism.
Do not attempt to insert a disc into the unit when the unit power is off.

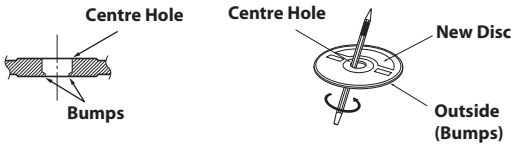


Inserting Discs

Your player accepts only one disc at a time for playback. Do not attempt to load more than one disc.
Make sure the label side is facing up when you insert the disc. "ERROR" will be displayed on your player if you insert a disc incorrectly. If "ERROR" continues to be displayed even though the disc has been inserted correctly, push the **RESET** switch with a pointed object such as a ballpoint pen.
Playing a disc while driving on a very bumpy road may result in skips, but this will not scratch the disc or damage the player.

New Discs

To prevent the CD from jamming, "ERROR" is displayed if discs with irregular surfaces are inserted or if discs are inserted incorrectly. When a new disc is ejected immediately after initial loading, use your finger to feel around the inside of the centre hole and outside edge of the disc. If you feel any small bumps or irregularities, this could inhibit proper loading of the disc. To remove the bumps, rub the inside edge of the hole and outside edge of the disc with a ballpoint pen or other such instrument, then insert the disc again.



Irregular Shaped Discs

Be sure to use round shape discs only for this unit and never use any special shape discs.
Use of special shape discs may cause damage to the mechanism.

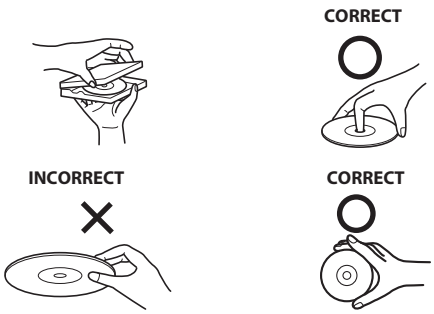
Installation Location

Make sure this unit will not be installed in a location subjected to:

- Direct sun and heat
- High humidity and water
- Excessive dust
- Excessive vibrations

Correct Handling

Do not drop the disc while handling. Hold the disc so you will not leave fingerprints on the surface. Do not affix tape, paper, or gummed labels to the disc. Do not write on the disc.



Disc Cleaning

Fingerprints, dust, or soil on the surface of the disc could cause the CD player to skip. For routine cleaning, wipe the playing surface with a clean, soft cloth from the centre of the disc to the outer edge. If the surface is heavily soiled, dampen a clean, soft cloth in a solution of mild neutral detergent before cleaning the disc.

Disc Accessories

There are various accessories available on the market for protecting the disc surface and improving sound quality. However, most of them will influence the thickness and/or diameter of the disc. Using such accessories can cause the disc to be out of standard specifications and may create operational problems. We recommend not using these accessories on discs played in Alpine CD players.

On handling Compact Discs (CD/CD-R/CD-RW)

- Do not touch the surface.
- Do not expose the disc to direct sunlight.
- Do not affix stickers or labels.
- Clean the disc when it is dusty.
- Make sure that there are no bumps around the disc.
- Do not use commercially available disc accessories.

Do not leave the disc in the car or the unit for a long time. Never expose the disc to direct sunlight. Heat and humidity may damage the CD and you may not be able to play it again.

To customers using CD-R/CD-RW

- If a CD-R/CD-RW cannot be played back, make sure the last recording session was closed (finalised).
- Finalize the CD-R/CD-RW if necessary, and attempt playback again.

About media that can be played

Use only compact discs with the label side showing the CD logo marks below.

If you use non-standard compact discs, correct performance cannot be guaranteed.
You can play CD-Rs (CD-Recordables)/CD-RWs (CD-ReWritables) which have been recorded only on audio devices. You can also play CD-Rs/CD-RWs containing MP3 formatted audio files.

- Some of the following CDs may not play on this unit:
  Flawed CDs, CDs with fingerprints, CDs exposed to extreme temperatures or sunlight (e.g., left in the car or this unit), CDs recorded under unstable conditions, CDs on which a recording failed or a re-recording was attempted, copy-protected CDs which do not conform to the audio CD industry standard.

- Use discs with compressed audio files written in a format compatible with this unit. For details, refer to "About MP3/WMA/AAC" on page 15.
- Data files, other than audio, on the disc are ignored and are not played back.

Protecting the USB Connection Terminal

- Only USB Flash Memory devices or iPod/iPhone can be connected to the USB connection terminal on this unit. Correct performance using other USB products cannot be guaranteed. A USB hub is not supported.
- Depending on the shape or size of a USB memory, it may not be connected to the USB terminal of this unit-a USB cable (sold separately) is recommended for this connection.
  Also, avoid connecting Flash Memory and Front Aux at the same time.
- If a USB device is inserted in the unit, it projects out and may be a danger while driving.
  Use a commercially available USB extension cable, and connect it in a safe way.
- Depending on the connected Flash Memory device, the unit may not function or some functions may not be performed.
- The audio file format that can be played back on the unit is MP3/WMA/AAC.
- Artist/song name, etc., can be displayed, however characters may not be correctly displayed.

On Handling USB Flash Memory

⚠CAUTION

Alpine accepts no responsibility for lost data, etc., even if data, etc., is lost while using this product.

- To prevent malfunction or damage, note the following points.
  Read the Flash Memory Owner's Manual thoroughly.
- Fix the USB Memory in a location where driver operation will not be hindered.
- Flash Memory may not function correctly at high or low temperature.
- Use only certified USB Flash Memory Devices. Please pay attention that even certified USB Memory, may not function correctly depending on its type or state.
- Flash Memory function is not guaranteed. Use Flash Memory according to the terms of agreement.
- Depending on the settings of the Flash Memory type, memory state or encoding software, the unit may not play back or display properly.
- A file that is copy-protected (copyright protection) cannot be played back.
- Flash Memory may take time to start playback. If there is a particular file other than audio in the Flash Memory, it may take considerable time before the file is played back or searched.
- The unit can play back "mp3", "wma" or "m4a" file extensions.
- Do not add the above extensions to a file other than audio data. This non-audio data will not be recognised. The resulting playback may contain noise that can damage speakers and/or amplifiers.
- It is recommended to back up important data on a personal computer.
- Do not remove the USB device while playback is in progress. Change SOURCE to something other than USB, then remove the USB device to prevent possible damage to its memory.

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- *iPhone, iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.*
- *"Made for iPod," and "Made for iPhone," mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, or iPhone may affect wireless performance.*
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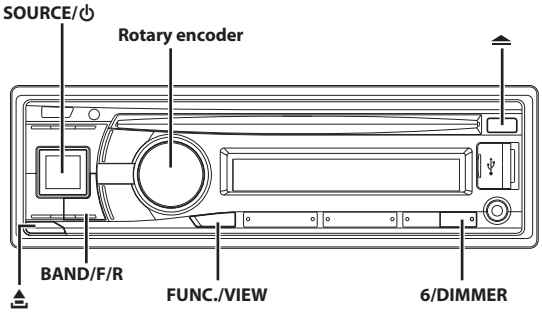
Getting Started



Accessory List

- **Head Unit 1**
- **Power Cable 1**
- **Microphone 1**
- **USB extension cable.....1**
- **Mounting Sleeve 1**
- **Carrying Case.....1**
- **Rubber Cap 1**
- **Hex Bolt.....1**
- **Screw (M5 × 8) 4**
- **Owner's Manual.....1 set**

Turning Power On and Off

Press SOURCE/ ⏻ to turn on the unit.

Note

- *The unit can be turned on by pressing any other button except ⏏ and ⏏ (Release).*

Press and hold SOURCE/ ⏻ for at least 2 seconds to turn off the unit.

Note

- *The first time power is turned on, the volume will start from level 12.*

Source Selection

Press SOURCE/ ⏻ to change the source.

TUNER → DISC → USB FRONT*1/iPod FRONT*2 → VTUNER F*3 → BT AUDIO*4 → AUXILIARY*5 → TUNER

*1 *Displayed only when no iPod/iPhone is connected. During USB FRONT source, you can switch to USB REAR source by pressing* **BAND/F/R**.

*2 *Displayed only when the iPod/iPhone is connected. During iPod FRONT source, you can switch to iPod REAR source by pressing* **BAND/F/R** *when an iPod/iPhone is connected to Rear USB Connector.*

*3 *Displayed only when VTUNER is set to ON, refer to "Setting the vTuner Source" on page 23. During VTUNER F source, you can switch to VTUNER R source by pressing* **BAND/F/R**.

*4 *Displayed only when AUDIO is set to ON, refer to "Setting the BLUETOOTH Connection (BT IN)" on page 24.*

*5 *Refer to "Using the Front AUX Input Terminal" on page 20.*

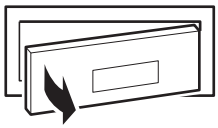
Detaching and Attaching the Front Panel

Detaching

1 **Turn off the unit power.**

2 **Press ⏏ (Release) at the lower left side until the front panel pops out.**

3 **Grasp the left side of the front panel and pull it out.**



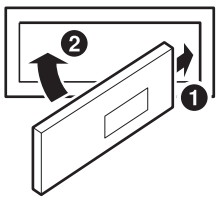
Notes

- *The front panel may become hot in normal usage (especially the connector terminals on the back of the front panel). This is not a malfunction.*
- *To protect the front panel, place it in the supplied carrying case.*
- *When detaching the front panel, do not apply excessive force as it may result in malfunction.*

Attaching

1 **Insert the right side of the front panel into the main unit. Align the groove on the front panel with the projections on the main unit.**

2 **Push the left side of the front panel until it locks firmly into the main unit.**



Notes

- *Before attaching the front panel, make sure that there is no dirt or dust on the connector terminals and no foreign object between the front panel and the main unit.*
- *Attach the front panel carefully, holding the sides of the front panel to avoid pushing buttons by mistake.*

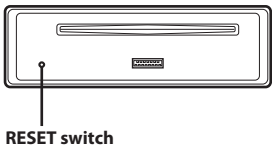
Initial System Start-Up

Be sure to press the **RESET** switch when using the unit for the first time, after changing the car battery, etc.

1 **Turn off the unit power.**

2 **Remove the detachable front panel.**

3 **Press RESET with a ballpoint pen or similar pointed object.**



Adjusting Volume

Turn the Rotary encoder until the desired sound is obtained.

Setting the Dimmer Control

1 **Press and hold FUNC. / VIEW for at least 2 seconds so that the ◀F▶ indicator lights up.**

2 **Press and hold 6 / DIMMER for at least 2 seconds repeatedly to select the DIMMER mode.**

DIMMER A (Auto mode) → DIMMER ON → DIMMER OFF → DIMMER A

DIMMER A mode:
Decrease the illumination brightness of the blue button with the head lights of the vehicle ON. This mode decreases the unit's backlighting at a certain extent at night.

DIMMER ON mode:
Keep the illumination brightness of the blue button dark.

DIMMER OFF mode:
Keep the illumination brightness of the blue button bright.

3 **Press and hold FUNC. / VIEW for at least 2 seconds to activate the normal mode.**

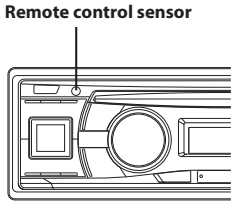
The ◀F▶ indicator goes out.

Notes

- *Operate the unit while the ◀F▶ indicator lights up. If no operation is performed for 5 seconds, the ◀F▶ indicator goes out.*
- *The function is inoperable when the ILLUMINATI is set to other than TYPE1, refer to "Changing Lighting Colour" on page 22.*

Controllable with Remote Control

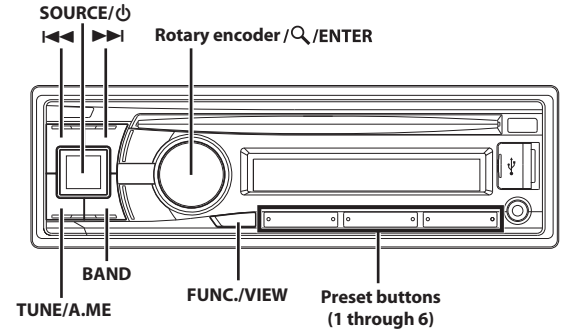
This unit can be controlled with an optional Alpine remote control. For details, consult your Alpine dealer.
Point the optional remote control transmitter at the remote control sensor.



Connectable to Remote Control Interface Box

With an optional Alpine Steering Wheel Remote Control Interface Box (not included), this unit is controllable from the vehicles steering wheel controls. For details, contact your Alpine dealer.

Radio



Listening to Radio

1 **Press SOURCE/ ⏻ to select TUNER mode.**

2 **Press BAND repeatedly until the desired radio band is displayed.**

F1 (FM1) → F2 (FM2) → F3 (FM3) → MW → LW → F1 (FM1)

3 **Press TUNE / A.ME to select the tuning mode.**

DX SEEK (Distance mode) → SEEK (Local mode) → OFF (Manual mode) → DX SEEK

Note

- *The initial mode is Distance mode.*

Distance mode:
Both strong and weak stations will be automatically tuned in (Automatic Seek Tuning).

Local mode:
Only strong stations will be automatically tuned in (Automatic Seek Tuning).

Manual mode:
The frequency is manually tuned in steps (Manual tuning).

4 **Press |◀◀ or ▶▶| to tune in the desired station.**

Holding down |◀◀ or ▶▶| will change the frequency continuously.

Presetting Stations Manually

While receiving the station that you want to store, press and hold, for at least 2 seconds, any one of the preset buttons (1 through 6) into which you wish to store the station.

The display shows the band, preset number and station frequency memorised.

Notes

- *A total of 30 stations can be stored in the preset memory (6 stations for each band; FM1, FM2, FM3, MW and LW).*
- *If you store a station in a preset memory which already has a station, the current station will be cleared and replaced with the new station.*
- *If the ◀F▶ indicator is illuminated, turn off the indicator by pressing and holding* **FUNC. / VIEW** *for at least 2 seconds, and then you can perform the operation.*

Presetting Stations Automatically

1 **Press BAND repeatedly until the desired radio band is displayed.**

2 **Press and hold TUNE / A.ME for at least 2 seconds.**

The frequency on the display continues to change while the automatic memory is in progress. The tuner will automatically seek and store 6 strong stations in the selected band. They will be stored into preset buttons 1 to 6 in order of signal strength. When the automatic memory has been completed, the tuner goes to the station stored in preset location No.1.

Note

- *If no stations are stored, the tuner will return to the original station you were listening to before the auto memory procedure began.*

Tuning to Preset Stations

Select the band, and then press any one of the station preset buttons (1 through 6) that has your desired radio station in memory.

The display shows the band, preset number and frequency of the station selected.

Note

- *If the ◀F▶ indicator is illuminated, turn off the indicator by pressing and holding* **FUNC. / VIEW** *for at least 2 seconds, and then you can perform the operation.*

Frequency Search Function

You can search for a radio station by its frequency.

1 **Press and hold 🔍 / ENTER for at least 2 seconds in Radio mode to activate Frequency search mode.**

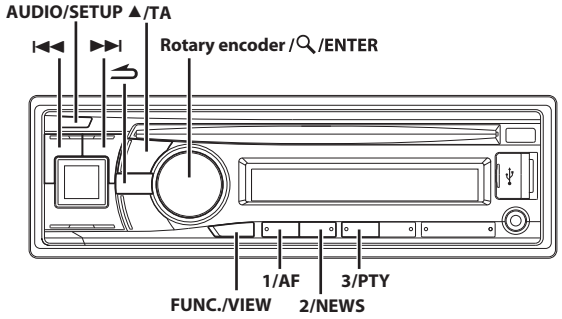
2 **Turn the Rotary encoder to select the desired frequency.**

3 **Press 🔍 / ENTER to receive the selected frequency.**

Note

- *Press ⮌ in the search mode to cancel. Or, the search mode will be cancelled if no operation is performed for 10 seconds.*

RDS



Turning AF (Alternative Frequencies) ON/OFF

The RDS (Radio Data System) is a radio information system using the 57 kHz subcarrier of regular FM broadcast. The RDS allows you to receive a variety of information such as traffic information, station names, and to automatically re-tune to a stronger transmitter that is broadcasting the same programme.

1 **Press and hold FUNC. / VIEW for at least 2 seconds so that the ◀F▶ indicator lights up.**

2 **Press 1 / AF to select the AF (Alternative Frequency) ON or OFF mode.**

3 **Press and hold FUNC. / VIEW for at least 2 seconds to activate the normal mode.**

The ◀F▶ indicator goes out.

Notes

- *When the AF ON mode is selected, the unit automatically tunes to a strong signal station in the AF list.*
- *Use the AF OFF mode when automatic re-tuning is not required.*
- *When the PTY31 (Emergency Broadcast) reception is set to on (refer to "Setting PTY31 (Emergency Broadcast) reception" on page 12), if the unit receives the PTY31 (Emergency Broadcast) signal, the unit will show "ALARM" in the display automatically.*
- *Operate the unit while the ◀F▶ indicator lights up. If no operation is performed for 5 seconds, the ◀F▶ indicator goes out.*

The RDS digital data includes the following:

PI	Programme Identification
PS	Programme Service Name
AF	List of Alternative Frequencies
TP	Traffic Programme
TA	Traffic Announcement
EON	Enhanced Other Networks

Receiving RDS Regional (Local) Stations

1 **Press and hold AUDIO/SETUP for at least 2 seconds to activate the SETUP mode.**

2 **Turn the Rotary encoder to select the TUNER mode, and then press 🔍/ENTER.**

BLUETOOTH ↔ GENERAL ↔ AUDIO ↔ DISPLAY ↔ TUNER ↔ iPod & USB

3 **Turn the Rotary encoder to select the RDS REG mode, and then press 🔍/ENTER.**

4 **Turn the Rotary encoder to select ON or OFF.**

In the OFF mode, the unit automatically keeps receiving the related local RDS station.

5 **Press and hold AUDIO/SETUP for at least 2 seconds to return to normal mode.**

Notes

- *Press ⮌ to return to the previous mode.*
- *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*

PI SEEK Setting

1 **Press and hold AUDIO/SETUP for at least 2 seconds to activate the SETUP mode.**

2 **Turn the Rotary encoder to select the TUNER mode, and then press 🔍/ENTER.**

BLUETOOTH ↔ GENERAL↔ AUDIO ↔ DISPLAY ↔ TUNER ↔ iPod & USB

3 **Turn the Rotary encoder to select the PI SEEK mode, and then press 🔍/ENTER.**

4 **Turn the Rotary encoder to select ON or OFF.**

5 **Press and hold AUDIO/SETUP for at least 2 seconds to return to normal mode.**

Notes

- *Press ⮌ to return to the previous mode.*
- *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*

Setting PTY31 (Emergency Broadcast) reception

Turn PTY31 (Emergency Broadcast) reception ON/OFF.

1 **Press and hold AUDIO/SETUP for at least 2 seconds to activate the SETUP mode.**

2 **Turn the Rotary encoder to select the TUNER mode, and then press 🔍/ENTER.**

BLUETOOTH ↔ GENERAL ↔ AUDIO ↔ DISPLAY ↔ TUNER ↔ iPod & USB

3 **Turn the Rotary encoder to select ALARM, and then press 🔍/ENTER.**

4 **Turn the Rotary encoder to select ON or OFF.**

If you set to ON, emergency broadcasts are received regardless of source. "ALARM" is displayed during reception.

5 **Press and hold AUDIO/SETUP for at least 2 seconds to return to normal mode.**

When an emergency broadcast is received, the volume level will be automatically changed to the memorized level in the traffic information mode. For details, refer to "Receiving Traffic Information" on page 12.

Notes

- *Pressing ⮌ during the procedure will return to the previous mode.*
- *If no operation is performed for 60 seconds in the SETUP mode, the setting mode is cancelled.*

Receiving Traffic Information

1 **Press and hold ▲/TA for at least 2 seconds so that the "TA" indicator lights up.**

2 **Press ⏮ or ⏭ to select your desired traffic information station.**

When a traffic information station is tuned in, the "TP" indicator lights up.

Traffic information is heard only when it is being broadcast. If traffic information is not being broadcast, the unit is set in the standby mode. When a traffic information broadcast begins, the unit automatically receives it and the display shows "T INFO". When the traffic information broadcast is over, the unit will automatically set in the standby mode.

Notes

- *If the traffic information broadcast signal falls below a certain level, the unit remains in the receiving mode for 1 minute. If the signal remains below a certain level for over 1 minute, the "TA" indicator blinks.*
- *If you do not want to listen to the traffic information being received, lightly press ⏮ or ⏭ to skip that traffic information message. The TA mode will remain in the ON position to receive the next traffic information message.*
- *If the volume level is changed while receiving traffic information, the changed volume level will be memorized. When traffic information is received next time, the volume level will be automatically adjusted to the level memorized.*
- *In the TA mode, the SEEK tuning selects only the TP stations.*

PTY (Programme Type) Tuning

1 **Press and hold FUNC./VIEW for at least 2 seconds so that the ◀F▶ indicator lights up.**

2 **Press 3/PTY to activate the PTY mode, while the unit is in Radio (FM receiving) mode.**

The Programme Type of the station being currently received will be displayed for 5 seconds.
If there is no receivable PTY broadcast, "NO PTY" will be displayed for 5 seconds.
If no RDS station can be received, the display shows "NO PTY".

Note

- *If no operation is performed for 5 seconds after pressing* **3/PTY**, *the PTY mode will be automatically cancelled.*

3 **Press I◀◀ or ▶▶I within 5 seconds after activating the PTY mode to choose the desired programme type while the PTY (programme type) is being displayed.**

Each press scrolls the programme type by one.

4 **Press 3/PTY within 5 seconds after selecting the programme type to start searching for a station in the selected programme type.**

The chosen programme type display blinks during searching and lights when a station is found.
If no PTY station is found, "NO PTY" will be displayed for 5 seconds.

5 **Press and hold FUNC./VIEW for at least 2 seconds to activate the normal mode.**

The ◀F▶ indicator goes out.

Note

- *Operate the unit while the ◀F▶ indicator lights up. If no operation is performed for 5 seconds, the ◀F▶ indicator goes out.*

Receiving Traffic Information While Playing CD or Radio

1 **Press and hold ▲/TA for at least 2 seconds so that the "TA" indicator lights up.**

2 **Press I◀◀ or ▶▶I to select a traffic information station if necessary.**

When a traffic information broadcast starts, the unit automatically mutes the CD player or the regular FM broadcast. When the traffic information broadcast finishes, the unit automatically returns to the original source play before the traffic information broadcast began.

When traffic information stations cannot be received:

In the CD mode:
When the TP signal can no longer be received, the traffic information station of another frequency will be selected automatically.

Note

- *The receiver is equipped with the EON (Enhanced Other Networks) function in order to keep track of additional alternate frequencies to the AF list. If the station being received does not broadcast the traffic information, the receiver automatically tunes in the related station that broadcasts the traffic information when it occurs.*

3 **Press and hold ▲/TA for at least 2 seconds to deactivate the Traffic Information mode.**

The "TA" indicator goes out.

Priority News

This function allows you to preset to give priority to the News programme. You will never miss the News programme as the unit automatically gives priority to the News programme whenever it begins broadcasting, and interrupts the programme you are currently listening. This feature is functional when your unit is set to a mode other than the LW and MW modes.

1 **Press and hold FUNC./VIEW for at least 2 seconds to activate the function mode while the unit is in Radio (FM receiving) mode.**

2 **Press 2/NEWS to activate the PRIORITY NEWS mode.**

To disable the PRIORITY NEWS function, press **2/NEWS**.

Note

- *In the PRIORITY NEWS function, unlike in the TA function, the volume does not increase automatically.*

3 **Press and hold FUNC./VIEW for at least 2 seconds to activate the preset mode, while the unit is in Radio (FM receiving) mode.**

The ◀F▶ indicator goes out.

Note

- *Operate the unit while the ◀F▶ indicator lights up. If no operation is performed for 5 seconds, the ◀F▶ indicator goes out.*

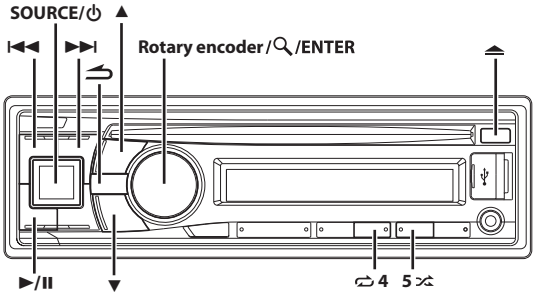
Displaying Radio Text

Text messages from a radio station can be displayed.

Press VIEW while receiving FM in the radio mode to select the Radio Text display.

The display will change every time the button is pressed.
For details, refer to "Displaying the Text" on page 19.

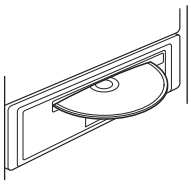
CD/MP3/WMA/AAC



Playback

1 **Insert a disc with the label side facing up.**

The disc will be pulled into the unit automatically.



Note

- *When a disc is already inserted, press* **SOURCE/⏻** *to switch to the DISC mode.*

2 **While playing back MP3/WMA/AAC, press ▼ or ▲ to select the desired folder.**

3 **Press I◄◄ or ►►I to select the desired track (file).**

Pressing and holding I◄◄ or ►►I will fast backward/fast forward track continuously.

4 **To pause playback, press ►/II.**

Pressing **►/II** again will resume playback.

5 **To eject the disc, press ⏏.**

Notes

- *Do not remove a CD during its eject cycle. Do not load more than one disc at a time. A malfunction may result from doing either.*
- *The "💿" indicator lights up when a disc is inserted.*
- *Three-inch (8 cm) CDs can not be used.*
- *Any file protected by DRM (Digital Rights Management) copy protection, cannot be played back on this unit.*
- *The track display for MP3/WMA/AAC data playback is the file numbers recorded on the disc.*
- *The playback time may not be correctly displayed when a VBR (Variable Bit Rate) recorded file is played back.*

Repeat Play

1 **Press 🔁 4.**

The song is played back repeatedly.
🔁*1 → 🔁🗀*2 → (off) → 🔁

**1 Only a track is repeatedly played back.*
**2 Only files in a folder are repeatedly played back. (MP3/WMA/AAC mode only)*

2 **To cancel repeat play, select (off) with the above procedure.**

M.I.X. (Random Play)

1 **Press 5🔀.**

The songs are played back in random sequence.
🔀🗀*1 → 🔀 ALL*2 → (off) → 🔀🗀

**1 Only files in a folder are played back in random sequence. (MP3/WMA/AAC mode only)*
**2 The tracks/files are played back in random sequence.*

2 **To cancel M.I.X. play, select (off) with the above procedure.**

Searching for CD Text

On discs utilizing CD Text, songs can be searched and played by using their recorded titles. For discs without CD Text, searches are made using the track numbers associated with each song.

1 **Press 🔍/ENTER during play.**

This will set the search mode, and the "🔍" indicator lights up.

2 **Turn the Rotary encoder to select the desired track, and then press 🔍/ENTER.**

This will play the selected track.

Notes

- *Press ⮌ in the search mode to cancel. Or, the search mode is cancelled if no operation is performed for 60 seconds.*
- *When CD Text Search is made during M.I.X. play, the M.I.X. play mode will be cancelled.*

Folder/File Name Search (concerning MP3/WMA/AAC)

Folder and file names may be searched and displayed during playback.

Folder Name Search mode

1 **During MP3/WMA/AAC playback, press 🔍/ENTER to activate the search mode.**

The "🔍" indicator lights up.

2 **Turn the Rotary encoder to select Folder Name Search mode, and then press 🔍/ENTER.**

3 **Turn the Rotary encoder to select the desired folder.**

4 **Press and hold 🔍/ENTER for at least 2 seconds to play back the first file in the selected folder.**

Notes

- *Press and hold ⮌ for at least 2 seconds in the search mode to cancel. Or, the search mode is cancelled if no operation is performed for 60 seconds.*
- *To search for files in the Folder Name Search mode, press* **🔍/ENTER**. *Files in the folder may be searched.*

- *Press ⮌ to exit Folder Name Search mode in step 3 in order to select File Name Search mode.*
- *The root folder is displayed as "\ROOT".*
- *When Folder Name Search is made during M.I.X. play, the M.I.X. play mode will be cancelled.*

File Name Search mode

1 **During MP3/WMA/AAC playback, press 🔍 / ENTER to activate the search mode.**

The "🔍" indicator lights up.

2 **Turn the Rotary encoder to select File Name Search mode, and then press 🔍 / ENTER.**

3 **Select the desired file by turning the Rotary encoder.**

4 **Press 🔍 / ENTER to play back the selected file.**

Notes

- *Press and hold ⮌ for at least 2 seconds in the search mode to cancel. Or, the search mode is cancelled if no operation is performed for 60 seconds.*
- *Press ⮌ in the search mode to return to the previous mode.*
- *When File Name Search is made during M.I.X. play, the M.I.X. play mode will be cancelled.*

Quick Search

You can search for tracks (files).

1 **Press and hold 🔍 / ENTER for at least 2 seconds in the CD/MP3/WMA/AAC mode to activate Quick Search mode.**

The "🔍" indicator lights up.

2 **Turn the Rotary encoder to select a desired track (file), and then press 🔍 / ENTER.**

The selected track is played back immediately.

Note

- *Press ⮌ in the search mode to cancel. Or, the search mode is cancelled if no operation is performed for 10 seconds.*

About MP3/WMA/AAC

⚠CAUTION

Except for private use, duplicating audio data (including MP3/WMA/AAC data) or distributing, transferring, or copying it, whether for free or for a fee, without permission of the copyright holder is strictly prohibited by the Copyright Act and by international treaty.

What is MP3?

MP3, whose official name is "MPEG Audio Layer 3," is a compression standard prescribed by the ISO, the International Standardization Organization and MPEG which is a joint activity institution of the IEC. MP3 files contain compressed audio data. MP3 encoding is capable of compressing audio data at extremely high ratios, reducing the size of music files to as much as one-tenth their original size. This is achieved while still maintaining near CD quality. The MP3 format realises such high compression ratios by eliminating the sounds that are either inaudible to the human ear or masked by other sounds.

What is WMA?

WMA, or "Windows Media™ Audio," is compressed audio data.
WMA is similar to MP3 audio data.

What is AAC?

AAC is the abbreviation for "Advanced Audio Coding," and is a basic format of audio compression used by MPEG2 or MPEG4.

Method for creating MP3/WMA/AAC files

Audio data is compressed using software with MP3/WMA/AAC codecs. For details on creating MP3/WMA/AAC files, refer to the user's manual for that software.
MP3/WMA/AAC files that are playable on this device have the file extensions "mp3" / "wma" / "m4a". Files with no extension cannot be played back (WMA ver. 7.1, 8 and 9 are supported). Protected files are not supported, neither are raw AAC files (using the ".aac" extension).
There are many different versions of the AAC format. Confirm that the software being used conforms to the acceptable formats listed above. It's possible that the format may be unplayable even though the extension is valid.
Playback of AAC files encoded by iTunes is supported.

Supported playback sampling rates and bit rates

MP3

Sampling rates:	48 kHz, 44.1 kHz, 32 kHz, 24 kHz, 22.05 kHz, 16 kHz, 12 kHz, 11.025 kHz, 8 kHz
Bit rates:	8 - 320 kbps

WMA

Sampling rates:	48 kHz, 44.1 kHz, 32 kHz
Bit rates:	48 - 192 kbps

AAC

Sampling rates:	48 kHz, 44.1 kHz, 32 kHz, 24 kHz, 22.05 kHz, 16 kHz, 12 kHz, 11.025 kHz, 8 kHz
Bit rates:	16 - 320 kbps

This device may not play back correctly depending on sampling rates.

ID3 tags/WMA tags

This device supports ID3 tag v1 and v2, and WMA tag.
If tag data is in an MP3/WMA/AAC file, this device can display the title (track title), artist name, and album name ID3 tag/WMA tag data.
This device can only display single-byte alphanumeric characters (up to 30 for ID3 tags and up to 15 for WMA tags) and the underscore. For non-supported characters, "NO SUPPORT" is displayed.
If information contains characters other than ID3 tag information, the audio file may not be played back.
The tag information may not be correctly displayed, depending on the contents.

Producing MP3/WMA/AAC discs

MP3/WMA/AAC files are prepared, then written to a CD-R or CD-RW using CD-R writing software. A disc can hold up to 510 files/folders (including Root Folders), and the maximum number of folders is 255. Playback may not be performed if a disc exceeds the limitations described above.

Media supported

The media that this device can play back are CD-ROMs, CD-Rs, and CD-RWs.

Corresponding File Systems

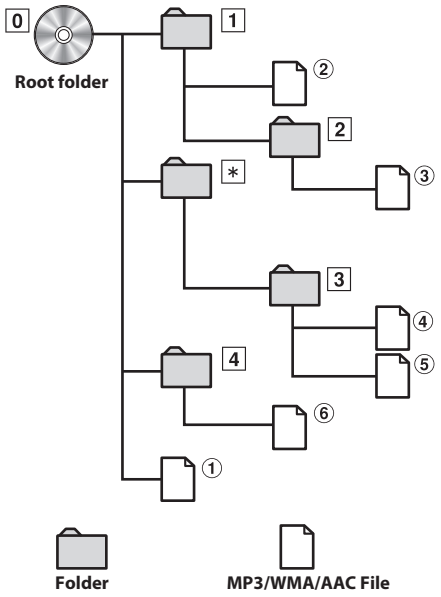
This device supports discs formatted with ISO9660 Level 1 or Level 2.
Under the ISO9660 standard, there are some restrictions to remember.
The maximum nested folder depth is 8 (including the root directory).
The number of characters for a folder/file name is limited.
Valid characters for folder/file names are letters A-Z (all caps), numbers 0-9, and '_' (underscore).
This device also can play back discs in Joliet, Romeo, etc., and other standards that conform to ISO9660. However, sometimes the file names, folder names, etc., are not displayed correctly.

Formats supported

This device supports CD-ROM XA, Mixed Mode CD, Enhanced CD (CD-Extra) and Multi-Session.
This device cannot correctly play back discs recorded with Track At Once or packet writing.

Order of files

Files are played back in the order that the writing software writes them to the disc. Therefore, the playback order may not be what is expected. Verify the writing order in the software's documentation. The playback order of the folders and files is as follows.



* *The folder No./ folder Name will not be displayed if no readable file is contained in the folder.*

Terminology

Bit rate

This is the "sound" compression rate specified for encoding. The higher the bit rate, the higher the sound quality, but also the larger the files.

Sampling rate

This value shows how many times per second the data is sampled (recorded). For example, music CDs use a sampling rate of 44.1 kHz, so the sound is sampled (recorded) 44,100 times per second. The higher the sampling rate, the higher the sound quality, but also the larger the volume of data.

Encoding

Converting music CDs, WAVE (AIFF) files, and other sound files into the specified audio compression format.

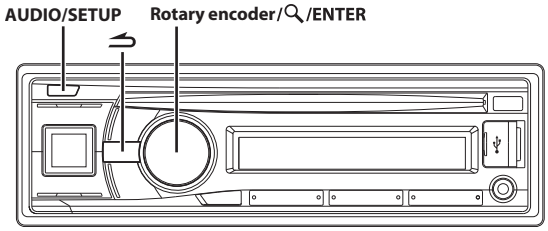
Tag

Song information such as track titles, artist names, album names, etc., written into MP3/WMA/AAC files.

Root folder

The root folder (or root directory) is found at the top of the file system. The root folder contains all folders and files. It is created automatically for all burned discs.

Sound Setting



Adjusting Subwoofer Level/Bass Level/Mid Level/Treble Level/Balance (Between Left and Right)/Fader (Between Front and Rear)/ AUX Mix Level/Loudness/Defeat

1 Press AUDIO repeatedly to choose the desired mode.

Each press changes the mode as follows:

SUBW[*1] → BASS[*2] → MID[*2] → TREBLE[*2] → BAL → FAD → AUX MIX[*3] → LOUD[*2] → DEFEAT → VOLUME → SUBW

**1 When the subwoofer mode is set to OFF, its level cannot be adjusted, refer to "Turning Subwoofer ON/OFF" on page 18.*

**2 Adjustable only when DEFEAT is OFF.*

**3 Adjustable only when AUX MIX is ON (refer to "Setting the AUX MIX" on page 21).*

Subwoofer	0 ~ +15
Bass level	-7 ~ +7
Mid level	-7 ~ +7
Treble level	-7 ~ +7
Balance	L15 ~ R15
Fader	R15 ~ F15
AUX Mix level	0 ~ 15
Loudness	ON/OFF
Defeat	ON/OFF
Volume	0 ~ 35

Notes

- *If no operation is performed for 5 seconds, the unit automatically returns to normal mode.*
- *Loudness introduces a special low- and high-frequency emphasis at low listening levels. This compensates for the ear's decreased sensitivity to bass and treble sound.*

2 Turn the Rotary encoder until the desired sound is obtained in each mode.

By setting DEFEAT ON, previously adjusted level settings of BASS, MID, and TREBLE will return to the factory defaults.

Sound Setting

You can flexibly customize the unit to suit your own preference and usage. From the AUDIO SETUP menu, Audio Setting can be modified.

Use steps 1 to 5 to select the category you wish to modify. For details on how to change each setting, see the following sections below.

1 **Press and hold AUDIO/SETUP for at least 2 seconds to activate the SETUP mode.**

2 **Turn the Rotary encoder to select AUDIO, and then press 🔍/ENTER.**

BLUETOOTH ↔ GENERAL ↔ AUDIO ↔ DISPLAY ↔ TUNER ↔ iPod & USB

3 **Turn the Rotary encoder to select the desired sound setting menu, and then press 🔍/ENTER.**

FACTORY EQ*1/*2 ↔ 3BAND EQ*1/*3 ↔ HPF*1 ↔ SUBWOOFER ↔ SUBW LPF*4 ↔ SUBW PHASE*4 ↔ SUBW SYS*4

**1 Adjustment cannot be performed when DEFEAT is set to ON.*
**2 Any changes made to either FACTORY EQ or 3BAND EQ are reflected in the others' settings.*
3 In step 3, three sound adjustment items (Bass, Mid and Treble) can be selected in 3BAND EQ mode, turn the* **Rotary encoder *to select the desired item, and then press* **🔍/ENTER** *to continue to step 4.*
**4 These functions are inoperable when Subwoofer is set to OFF.*

4 **Turn the Rotary encoder to change the setting, and then press 🔍/ENTER.**

(e.g. Select SUBWOOFER ON or SUBWOOFER OFF)

5 **Press and hold AUDIO/SETUP for at least 2 seconds to return to normal mode.**

Notes

- *Pressing ⮌ returns to the previous Sound menu mode.*
- *If no operation is performed for 60 seconds, Sound menu mode is cancelled.*

Equalizer Presets (FACTORY EQ)

10 typical equalizer settings are preset at the factory for a variety of musical source material. USER settings are created in the 3BAND EQ mode.

USER ↔ FLAT (Initial setting) ↔ POPS ↔ ROCK ↔ NEWS ↔ JAZZ ↔ ELEC DANCE ↔ HIP HOP ↔ EASY LIS ↔ COUNTRY ↔ CLASSICAL

Adjusting the Parametric Equalizer Curve (3BAND EQ)

You can modify the Equalizer settings to create a response curve more appealing to your personal taste. The setting of Bass, Mid and Treble can be adjusted in this mode.

Setting the Bass Control

1 **After selecting BASS from the 3BAND EQ adjustment mode, turn the Rotary encoder to select the desired Bass setting item, and then press 🔍/ENTER.**

WIDTH (Q) ↔ CENTER FRQ ↔ LEVEL

2 **Turn the Rotary encoder to select the desired setting value, and then press 🔍/ENTER.**

3 **Press ⮌ to return to the previous step.**

▌Setting the Bass Bandwidth (WIDTH (Q))

Turn the Rotary encoder to select the desired bass bandwidth.

WIDE 0.50 ↔ MEDIUM 1.00 ↔ MEDIUM 1.50 (Initial setting) ↔ NARROW 2.00

Changes the boosted bass bandwidth to wide or narrow. A wider setting will boost a wide range of frequencies above and below the centre frequency. A narrower setting will boost only frequencies near the centre frequency.

▌Setting the Bass Centre Frequency (CENTER FRQ)

Turn the Rotary encoder to select the desired bass centre frequency.

60 (Hz) ↔ 80 (Hz) ↔ 100 (Hz) (Initial setting) ↔ 120 (Hz)

Emphasises the displayed bass frequency ranges.

▌Setting the Bass Level

Turn the Rotary encoder to select the desired bass level (-7~+7)*.

You can emphasise or weaken the bass level.

** The adjustment can also be made by pressing* **AUDIO**. *Refer to "Adjusting Subwoofer Level/Bass Level/Mid Level/Treble Level/ Balance (Between Left and Right)/Fader (Between Front and Rear)/AUX Mix Level/Loudness/Defeat" on page 16.*

Setting the Mid Control

1 **After selecting MID from the 3BAND EQ adjustment mode, turn the Rotary encoder to select the desired Mediant setting item, and then press 🔍/ENTER.**

WIDTH (Q) ↔ CENTER FRQ ↔ LEVEL

2 **Turn the Rotary encoder to select the desired setting value, and then press 🔍/ENTER.**

3 **Press ⮌ to return to the previous step.**

▌Setting the Mid Bandwidth (WIDTH (Q))

Turn the Rotary encoder to select the desired Mid bandwidth.

WIDE 0.75 ↔ MEDIUM 1.00 ↔ MEDIUM 1.25 ↔ NARROW 1.50 (Initial setting)

▌Setting the Mid Centre Frequency (CENTER FRQ)

Turn the Rotary encoder to select the desired Mid centre frequency.

500 (Hz) ↔ 1.0k (Hz) (Initial setting) ↔ 1.5k (Hz) ↔ 2.5k (Hz)

▌Setting the Mid Level

Turn the Rotary encoder to select the desired Mid level (-7 ~ +7)*.

You can emphasise or weaken the Mid level.

** The adjustment can also be made by pressing* **AUDIO**. *Refer to "Adjusting Subwoofer Level/Bass Level/Mid Level/Treble Level/ Balance (Between Left and Right)/Fader (Between Front and Rear)/AUX Mix Level/Loudness/Defeat" on page 16.*

Setting the Treble Control

1 **After selecting TREBLE from the 3BAND EQ adjustment mode, turn the Rotary encoder to select the desired Treble setting item, and then press 🔍 / ENTER.**

WIDTH (Q) ↔ CENTER FRQ ↔ LEVEL

2 **Turn the Rotary encoder to select the desired setting value, and then press 🔍 / ENTER.**

3 **Press ⮌ to return to the previous step.**

▌Setting the Treble Bandwidth (WIDTH (Q))

Turn the Rotary encoder to select the desired treble bandwidth.

WIDE 0.75 ↔ NARROW 1.25 (Initial setting)

▌Setting the Treble Centre Frequency (CENTER FRQ)

Turn the Rotary encoder to select the desired treble centre frequency.

7.5k (Hz) ↔ 10.0k (Hz) (Initial setting) ↔ 12.5k (Hz) ↔ 15.0k (Hz)

▌Setting the Treble Level

Turn the Rotary encoder to select the desired treble level (-7~+7)*.

You can emphasise or weaken the treble level.

* *The adjustment can also be made by pressing* ***AUDIO****. Refer to "Adjusting Subwoofer Level/Bass Level/Mid Level/Treble Level/ Balance (Between Left and Right)/Fader (Between Front and Rear)/AUX Mix Level/Loudness/Defeat" on page 16.*

Adjusting the High Pass Filter

The High Pass Filter on this unit can be adjusted to suit your personal taste. This feature works best when used in conjunction with a subwoofer.

▌Setting item: HPF

Setting contents:

OFF (Initial setting) / 60 (Hz) / 80 (Hz) / 120 (Hz) / 160 (Hz)

All frequencies above the selected cutoff are output.

Turning Subwoofer ON/OFF

When the subwoofer is on, you can adjust the subwoofer output level (refer to "Adjusting Subwoofer Level/Bass Level/Mid Level/Treble Level/ Balance (Between Left and Right)/Fader (Between Front and Rear)/ AUX Mix Level/Loudness/Defeat" on page 16).

▌Setting item: SUBWOOFER

Setting contents:

ON (Initial setting) / OFF

ON:

The subwoofer signal is output from the Subwoofer RCA Connectors (refer to "Connections" on page 44).

OFF:

No subwoofer signal is output from the Subwoofer RCA Connectors (refer to "Connections" on page 44).

Adjusting the Low Pass Filter

The Low Pass Filter on this unit can be adjusted to suit your personal taste.

▌Setting item: SUBW LPF

Setting contents:

OFF (Initial setting) / LPF 60 (Hz) / LPF 80 (Hz) / LPF 120 (Hz) / LPF 160 (Hz)

All frequencies lower than the selected cutoff are output.

Setting the Subwoofer Phase

The subwoofer output phase is toggled SUBWOOFER NORMAL (0°) or SUBWOOFER REVERSE (180°). To adjust the level, turn the **Rotary encoder**. Depending on the installation location of your subwoofer, one of these settings may sound better than the other.

▌Setting item: SUBW PHASE

Setting contents:

NORMAL (Initial setting) / REVERSE

Setting the Subwoofer System

When the subwoofer is on, you can select either SYS 1 or SYS 2 for the desired subwoofer effect.

▌Setting item: SUBW SYS

Setting contents:

SUBW SYS 1 / SUBW SYS 2 (Initial setting)

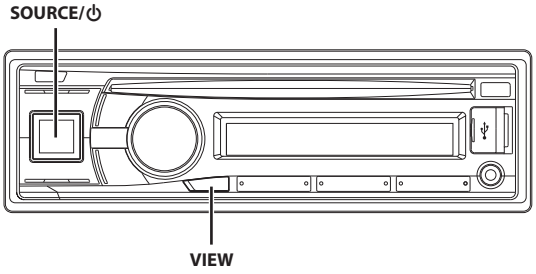
SUBW SYS 1:

Subwoofer level changes according to the main volume setting.

SUBW SYS 2:

Subwoofer level change is different from the main volume setting. For example, even at low volume settings, the subwoofer is still audible.

Other Functions



Displaying the Text

Text information, such as the disc name and the track name, will be displayed if playing a CD text compatible disc. It is also possible to display the folder name, the file name and the tag, etc., while playing MP3/WMA/AAC files.

Press VIEW.

The display will change every time the button is pressed.

Note

- *When the TEXT SCR is set to SCR MANUAL, press and hold ▼ for at least 2 seconds, the current text will be scrolled one time (except Radio mode).*

The display in Radio mode:

If there is PS (Programme Service Name)

PS (Programme Service Name) → PTY (Programme Type) → RADIO TEXT → PS (Programme Service Name)

If there is no PS (Programme Service Name)

FREQUENCY → PTY (Programme Type) → RADIO TEXT → FREQUENCY

The display in CD mode:

TRACK NO./ELAPSED TIME → TEXT (DISC NAME)*1 → TEXT (TRACK NAME)*1 → TRACK NO./ELAPSED TIME

The display in MP3/WMA/AAC mode:

FILE NO./ELAPSED TIME → (FOLDER NO./FILE NO.)*2 → FOLDER NAME → FILE NAME → ARTIST NAME*3 → ALBUM NAME*3 → SONG NAME*3 → FILE NO./ELAPSED TIME

The display in BLUETOOTH Audio mode:

BT A/ELAPSED TIME*4 → ARTIST NAME → ALBUM NAME → SONG NAME → BT A/ELAPSED TIME

**1 Displayed during playback of a disc with CD text.*
**2 Only for MP3/WMA/AAC disc mode.*
**3 ID3 tag/WMA tag*
If an MP3/WMA/AAC file contains ID3 tag/WMA tag information, the ID3 tag/WMA tag information is displayed (e.g., song name, artist name, and album name). All other tag data is ignored.
**4 Depending on the connected mobile phone, the elapsed time may not be displayed.*

About the indication display

When displaying Text, the following indicators are lit according to the mode.

Indicator/ Mode	CD Mode	MP3/WMA/ AAC/USB AUDIO Mode	iPod/iPhone/BT AUDIO Mode
	—	Folder Name*2 being displayed	—
	—	Artist Name*1 being displayed	Artist Name*1 being displayed
	Text (Disc Name*3) being displayed	Album Name*1 being displayed	Album Name*1 being displayed
	Text (Track Name*3) being displayed	Song Name*1 / File Name being displayed	Song Name*1 being displayed

**1 Tag information:*
If there is no tag information, "ARTIST"/"ALBUM"/"SONG" is displayed.
**2 The root folder is displayed as "\ROOT".*
**3 If there is no Text (Disc Name or Track Name), "DISC TEXT"/ "TRACK TEXT" is displayed.*

About "Text"

Text compatible CDs contain text information such as the disc name and track name. Such text information is referred to as "text".

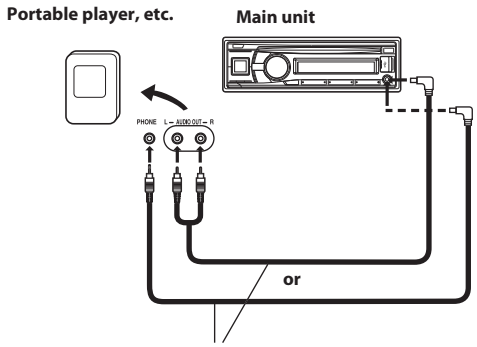
Notes

- *Some characters may not be displayed correctly with this device, depending on the character type.*
- *"NO SUPPORT" is displayed when the desired text information cannot be displayed on this unit.*
- *The text or tag information may not be correctly displayed, depending on the contents.*

Using the Front AUX Input Terminal

Connect a portable music player, etc. by simply connecting it to the input on the front panel. An optional adapter cable is required (standard RCA to 3.5ø mini-phono plug or 3.5ø to 3.5ø mini-phono plug).

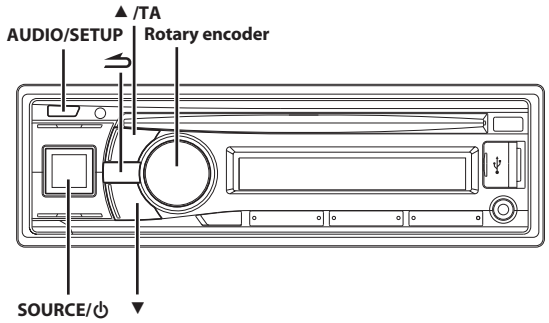
Press SOURCE/ ⏻, and select the AUXILIARY mode to listen to the portable device.



Notes

- *This function is available only when AUX SETUP is set to ON. For details, refer to "Setting the AUX SETUP Mode" on page 21.*
- *Do not connect a Flash Memory Device and an AUX Input Terminal connector at the same time.*

SETUP



Setting

You can flexibly customize the unit to suit your own preferences and usage. From the SETUP menu, GENERAL Setting, DISPLAY Setting, etc., can be modified.

Use steps 1 to 5 to select one of the SETUP modes to modify. See the applicable section below for details about the selected SETUP item.

1 **Press and hold AUDIO/SETUP for at least 2 seconds to activate the SETUP mode.**

2 **Turn the Rotary encoder to select the desired item, and then press 🔍/ENTER.**

BLUETOOTH*1 ↔ GENERAL ↔ AUDIO*2 ↔ DISPLAY ↔ TUNER ↔ iPod & USB

(e.g. Select GENERAL)

GENERAL:

PLAY MODE ↔ AUX SETUP ↔ AUX NAME*3 ↔ AUX GAIN*3 ↔ AUX MIX*3 ↔ CYRILLIC ↔ POWER IC ↔ DEMO

DISPLAY:

ILLUMINATI ↔ SCROLLTYPE ↔ TEXT SCR

TUNER:

RDS REG*4 ↔ PI SEEK*5 ↔ ALARM*6 ↔ FM-LEVEL

iPod & USB:

USB SEARCH ↔ USB SKIP ↔ VTUNER ↔ VTUNER VL*7

**1 Refer to "BLUETOOTH SETUP" on page 24.*
**2 Refer to "Sound Setting" on page 17.*
**3 Displayed only when AUX SETUP is set to ON.*
**4 Refer to "Receiving RDS Regional (Local) Stations" on page 12.*
**5 Refer to "PI SEEK Setting" on page 12.*
**6 Refer to "Setting PTY31 (Emergency Broadcast) reception" on page 12.*
**7 Displayed only when VTUNER is set to ON.*

3 **Select an Item with the Rotary encoder, and then press 🔍/ENTER.**

(e.g. Select POWER IC)

4 **Turn the Rotary encoder to change the setting, and then press 🔍/ENTER.**

(e.g. Select POWER IC ON or POWER IC OFF.)

5 Press and hold AUDIO / SETUP for at least 2 seconds to return to normal mode.

Notes

- *Press ⮌ to return to the previous mode.*
- *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*

General Setting

GENERAL is selected on the setup main menu in step 2.

Playing MP3/WMA/AAC Data (PLAY MODE)

This unit can play back CDs containing both CD and MP3/WMA/AAC data (created in Enhanced CD (CD Extra) format). However, in some situations, playback of an enhanced CD may be difficult. In this case, you can choose to play back the CD data session only. When a disc contains both CD and MP3/WMA/AAC data, playback starts from the CD data portion of the disc.

Setting item: PLAY MODE

Setting contents:
CD-DA (Initial setting) / CDDA/MP3

CD-DA:
Only the CD data in Session 1 can be played back.

CDDA/MP3:
CD data, MP3/WMA/AAC files in mixed mode, and multi-session discs can be played back.

Note

- *Perform this setting before inserting a disc. If a disc has already been inserted, remove it first.*

Setting the AUX SETUP Mode

You can input the audio of an external device, (such as a Portable audio player) to the AUX connector of this unit.

Setting item: AUX SETUP

Setting contents:
ON (Initial setting) / OFF

ON*:
Set to ON when a portable device is connected. If **SOURCE / ⏻** is pressed and AUX is selected, the sound of the portable device is input to the unit.

* *You can change the AUX NAME display when AUX SETUP is set to ON. Press 🔍 / **ENTER** when AUX SETUP is set to ON, and select AUX NAME by turning the **Rotary encoder**, then press 🔍 / **ENTER**. After that, turn the **Rotary encoder** to select the desired AUX NAME.*

Note

- *When the PORTABLE is set, PMD is displayed on the unit.*

OFF:
When set to OFF, AUX source cannot be selected.

Setting the AUX Level (AUX GAIN)

After setting to ON in "Setting the AUX SETUP Mode", this setting can be carried out.

Setting item: AUX GAIN

Setting contents:
LOW (Initial setting) / HIGH

LOW:
Decreases the external input audio level.

HIGH:
Increases the external input audio level.

Setting the AUX MIX

With an external audio device connected to the front AUX terminal of CDE-135BT, the voice from external device will be mixed with the radio or CD, etc. play.

Setting item: AUX MIX

Setting contents:
OFF (Initial setting) / ON

Notes

- *Noise may be more noticeable when this function is not used. In this case, the OFF setting is recommended.*
- *This setting is effective when AUX SETUP is ON.*

Setting the Language (CYRILLIC)

Set the language to be displayed on the unit.

Setting item: CYRILLIC

Setting contents:
OFF (Initial setting) / ON

OFF:
English, Latin character

ON:
Russian, English

Note

- *Refer to the table below for the Russian display on this unit.*

Таблица символов для русского языка

D: Дисплей
C: Символ

D	C	D	C	D	C	D	C
А	А	Б	Б	В	В	Г	Г
Д	Д	Е	Е,Ё	Ж	Ж	З	З
И	И,Й	К	К	Л	Л	М	М
Н	Н	О	О	П	П	Р	Р
С	С	Т	Т	У	У	Ф	Ф
Х	Х	Ц	Ц	Ч	Ч	Ш	Ш,Щ
’	Ъ	Ы	Ы	Ь	Ь	Э	Э
Ю	Ю	Я	Я				

Connecting to an External Amplifier (POWER IC)

When an external amplifier is connected, sound quality can be improved by reducing the current draw of the built-in amplifier.

Setting item: POWER IC

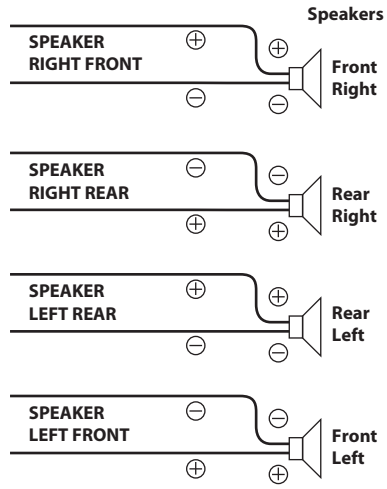
Setting contents:
ON (Initial setting) / OFF

ON:
The speakers are driven by the built-in amplifier.

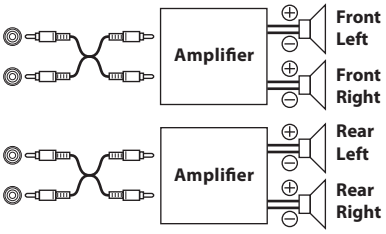
OFF:

Use this mode when the line output of this unit is used to drive an external amplifier. In this setting, the head unit's internal amplifier is turned OFF and cannot drive speakers.

ON:



OFF:



Note

- *No sound is produced by the system when the power output is set to OFF.*

Demonstration

This unit has a demonstration feature for the display.

▌**Setting item:** DEMO

Setting contents:

DEMO ON / DEMO OFF (Initial setting)

Note

- *To quit Demo mode, set to DEMO OFF.*

Display Setting

DISPLAY is selected on the setup main menu in step 2.

Changing Lighting Colour

You can change the lighting colour of the unit's buttons.

▌**Setting item:** ILLUMINATI

Setting contents:

ILUM TYPE1 (Initial setting) / TYPE2 / TYPE3 / TYPE4

TYPE1:

When the colour of **SOURCE/⏻** button is blue, the colour of the other is red.

TYPE2:

When the colour of **SOURCE/⏻** button is green, the colour of the other is green.

TYPE3:

When the colour of **SOURCE/⏻** button is amber, the colour of the other is red.

TYPE4:

When the colour of **SOURCE/⏻** button is red, the colour of the other is red.

Scroll Type Setting

Choose from two scrolling methods. Select the type you prefer.

▌**Setting item:** SCROLLTYPE

Setting contents:

SCR TYPE1 / SCR TYPE2 (Initial setting)

SCR TYPE1:

The characters scroll from right to left, a single character at a time.

SCR TYPE2:

Words are built up from left to right, a single character at a time. When the display is filled, it is cleared and the remaining words are displayed the same way until all words of the title have been shown.

Scroll Setting (TEXT SCR)

This CD player can scroll the disc and track names recorded on CD-TEXT discs, as well as the text information of MP3/WMA/AAC files, folder names and tags.

▌**Setting item:** TEXT SCR

Setting contents:

SCR AUTO / SCR MANUAL (Initial setting)

SCR AUTO:

The current text information of CD, folder, tag, etc. is scrolled automatically.

SCR MANUAL:

The display is scrolled when a disc is loaded or when a track is changed, etc.

Note

- *The unit scrolls CD text names, folder names, file names or tag display.*

Tuner Setting

TUNER is selected on the setup main menu in step 2.

Adjusting Source Signal Levels (FM-LEVEL)

If the difference in volume level between the CD player and FM radio is too great, adjust the FM signal level.

▌**Setting item:** FM-LEVEL

Setting contents:

FM-LV HIGH (Initial setting) / FM-LV LOW

USB and vTuner Setting

"iPod & USB" is selected on the setup main menu in step 2.

Setting the USB Search Mode

This unit allows searching MP3 Tag info or file names on Flash Memory devices. Only compatible audio files are displayed during the search.

▌**Setting item:** USB SEARCH

Setting contents:

TAG (Initial setting) / FILE NAME

TAG:

When TAG is selected, you can use Playlists/Artists/Albums/Songs/Genres/Composers/Folders/Files search mode to narrow searches.

FILE NAME:
When FILE NAME is selected, you can search a folder/file as search files on PC.

Notes

- *After the above setting, turn the ignition key off (ACC OFF) and on again (ACC ON).*
- *For search mode details, refer to "Searching for a desired Song" on page 30.*

Setting the USB Skip function

During (FILE NAME) searching, you can skip over designated folders/files by pressing ▲/▼. For example, if you select 10FILE in the (FILE NAME) searching mode, by pressing ▲ you can skip forward 10 folders/files from the current folder/file; by pressing ▼ you can skip backward 10 folders/files from the current folder/file. If the folders/files searched are less than the assigned skipped-over ones, pressing ▲/▼ will skip to the first or last folder/file.

Setting item: USB SKIP

Setting contents:
10FILE (Initial setting) / 20FILE / 50FILE / 100FILE

Setting the vTuner Source

You can select to turn on or off the vTuner source.

Setting item: VTUNER

Setting contents:
ON (Initial setting) / OFF

ON:
The vTuner source can be switched by pressing **SOURCE/⏻**.

OFF:
The vTuner source is not available.

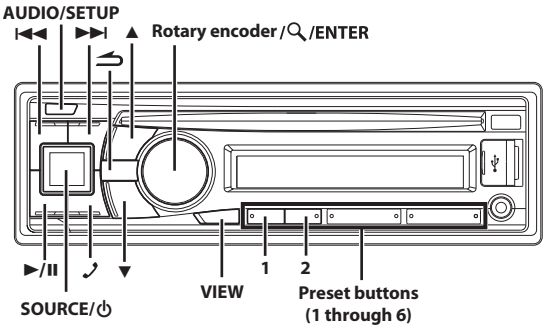
Setting the vTuner Volume

When VTUNER is ON, you can adjust the vTuner source volume memory.
Use this function to match the vTuner source volume to other sources, as closely as possible.

Setting item: VTUNER VL

Setting contents:
-5dB ~ +5dB (The initial value is 0 dB)

BT Hands Free Calling



Setup Before Using

About BLUETOOTH

BLUETOOTH is a wireless technology allowing communication between a mobile device or personal computer over short distances. This enables a hands-free call or data transmission between BLUETOOTH compatible devices. BLUETOOTH transmission is available in the unlicensed 2.4 GHz spectrum if the distance between devices is within 10 meters. For details, refer to the BLUETOOTH Home page (http://www.bluetooth.com).

Notes

- *Depending on the BLUETOOTH version, a BLUETOOTH compatible device may not be able to communicate with this unit.*
- *Proper function of this unit with all BLUETOOTH compatible devices is not guaranteed. For handling of the BT compatible device, consult your ALPINE dealer or ALPINE website.*
- *Depending on the surroundings, BLUETOOTH wireless connection may be unstable.*
- *When you place a call, or perform setup operations, be sure to stop your car in a safe place.*
- *Depending on the connected BLUETOOTH compatible device(s), the function may differ. Also refer to the Owner's Manual of the connected device(s).*
- *When you search for this unit using the BLUETOOTH compatible phone, the unit name is displayed as "Alpine CD Receiver".*

Before Using BLUETOOTH Function

Before using the BLUETOOTH function, the following settings need to be made.

Set "HFP" or "AUDIO" to ON when you want to use Hands-Free phone or BT Audio function. Refer to "Setting the BLUETOOTH Connection (BT IN)" on page 24.

Note

- *Before using BLUETOOTH function, it must be paired with this unit. Refer to "How to connect to a BLUETOOTH compatible device (Pairing)" on page 23.*

How to connect to a BLUETOOTH compatible device (Pairing)

For details on the control from a BLUETOOTH compatible device, refer to the Owner's Manual of the BLUETOOTH compatible device.

Pairing a BLUETOOTH compatible device with SSP (Secure Simple Pairing)

1 **Using your BLUETOOTH compatible device, select the "Alpine CD Receiver" for pairing.**

2 **Turn the Rotary encoder to change the head unit display from "PAIR NO" to "PAIR YES", and then press 🔍/ENTER.**

If "PAIR NO" is selected, the connection will be cancelled.

3 **If the pairing was successful, "CONNECTED" is displayed for a few seconds. The head unit then returns to its previous state.**

Pairing a BLUETOOTH compatible device without SSP (Secure Simple Pairing)

1 **Using your BLUETOOTH compatible device, select the "Alpine CD Receiver" for pairing.**

2 **Input the PIN code ("0000") in a BLUETOOTH compatible device.**

Note

- *The PIN code is fixed as "0000".*

3 **If the pairing was successful, "CONNECTED" is displayed for a few seconds. The head unit then returns to its previous state.**

Notes

- *If the connection is unsuccessful, "FAILED" is displayed.*
- *After a successful pairing, the two devices should re-pair automatically whenever the vehicle's ignition is turned ON. However, the re-pairing may fail. If the auto re-pairing fails, try to pair manually.*
- *Set "VISIBLE M" to VISI M ON to enable this unit to be recognised by a BLUETOOTH compatible device, refer to "Setting the Visible Mode" on page 25.*
- *You can also manually pair the BLUETOOTH devices from this unit. For details, refer to "Pairing a BLUETOOTH Device from the unit" on page 25.*

BLUETOOTH SETUP

The following steps 1 to 5 are common to the various BLUETOOTH functions. For details, refer to each individual function.

Note

- *Set "HFP" or "AUDIO" to ON, and then perform BLUETOOTH SETUP operation. Refer to "Setting the BLUETOOTH Connection (BT IN)" on page 24.*

1 **Press and hold AUDIO/SETUP for at least 2 seconds to activate the SETUP mode.**

2 **Turn the Rotary encoder to select "BLUETOOTH", and then press 🔍/ENTER.**

The BLUETOOTH setup mode is activated.

3 **Turn the Rotary encoder to select the desired items and then press 🔍/ENTER.**

BLUETOOTH:

BT IN[*1] ↔ PAIRED DEV ↔ VISIBLE M[*1] ↔ SEARCH DEV[*1] ↔ CALL SOUND[*2] ↔ CALLER ID[*2] ↔ PB UPDATE[*2] ↔ BT MENU[*2] ↔ PB ORDER[*2] ↔ AUTO ANS[*2] ↔ SEV NAME[*2] ↔ SPEAKER SL[*2] ↔ FW VERSION ↔ FW UPDATE[*1]

**1 The items are not displayed during a phone call.*

**2 The items are not displayed if "HFP" is set to OFF. Refer to "Setting the BLUETOOTH Connection (BT IN)" on page 24.*

4 **Turn the Rotary encoder to change the settings.**

5 **Press and hold AUDIO/SETUP for at least 2 seconds.**

The SETUP mode is cancelled.

Notes

- *Press ⮌ to return to the previous mode.*
- *Pressing and holding ⮌ for at least 2 seconds will return to normal mode.*
- *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*

Setting the BLUETOOTH Connection (BT IN)

With BLUETOOTH technology, you can place a hands-free call by a BLUETOOTH-equipped mobile phone.
Audio information of a BLUETOOTH compatible mobile phone, a portable audio player, etc., is controllable/playable wirelessly from this unit.

Setting item: BT IN

Further setting items: HFP / AUDIO

Setting contents:
OFF / ON (Initial setting)

Hands-Free Phone setting (HFP)

ON:
Select when you want to pair your BLUETOOTH compatible phone with this unit.

OFF:
Hands-Free Phone function is not used.

BLUETOOTH Audio setting (AUDIO)

ON:
Select when you want to use BLUETOOTH Audio function.

OFF:
BLUETOOTH Audio function is not used.

Setting the BLUETOOTH Device

Select one of 3 connected BLUETOOTH compatible devices that you previously registered.

Setting item: PAIRED DEV

1 **Turn the Rotary encoder to select a BLUETOOTH compatible device you want to use (you want to change connection) and then press 🔍/ENTER.**

2 **Turn the Rotary encoder to select "CONNECT" to connect the selected device.**

The connected device is marked with "✱". Select "DISCONNECT" to disconnect this device. Select "CLEAR" when you want to clear the device from the device list.

Notes

- *If the connection is successfully changed, "CONNECTED" is displayed for 2 seconds and the ✱ indicator lights up, then the display returns to the SETUP screen.*
- *If all the 3 positions have been registered, you cannot register the 4th device. To register another device, you need to delete one of the devices from position 1 to 3 first.*

Setting the Visible Mode

You can set whether this unit can be recognised or not from a BLUETOOTH compatible device. Normally set this to VISI M ON.

▌**Setting item:** VISIBLE M

Setting contents:

VISI M ON (Initial setting) / VISI M OFF

VISI M ON:
Enable recognition of this unit from the BLUETOOTH compatible device.

VISI M OFF:
Disable recognition of this unit from the BLUETOOTH compatible device.

Pairing a BLUETOOTH Device from the unit

If your BLUETOOTH device is not immediately pairing, the head unit can perform a search. The search can find paired or unpaired devices.

▌**Setting item:** SEARCH DEV

1 When SEARCH DEV is selected and "SEARCHING" is displayed, the search gets started.

Note

- *The "SEARCHING" operation can be stopped by pressing ⮌.*

2 Turn the Rotary encoder to select the name of the device to be connected from the Device Search list and then press 🔍 / ENTER.

3 If this unit is successfully connected to a BLUETOOTH compatible device, "CONNECTED" is displayed, and then the unit returns to normal mode.

Depending on the mobile phone, it may be necessary to input a passcode. In this case, "CODE 0000" is displayed. Input the passcode "0000" in the BLUETOOTH compatible device to make the pairing. After the pairing is completed, the unit will automatically connect to the BLUETOOTH compatible device. If you input the wrong passcode or the communication fails, "FAILED" is displayed.

Setting the BLUETOOTH sound quality

Change these settings to improve the quality of the outgoing or incoming call.

▌**Setting item:** CALL SOUND

▌**Further setting items:** VOL LV ADJ / AUTO SET

Adjusting the volume (VOL LV ADJ)

You can emphasize or weaken the volume level of the Phone call, the ring tone and the microphone input to fit your own preferences.

Setting contents:

PHONE TALK:
-5 dB ~ +5 dB

RING TONE:
-5 dB ~ +5 dB

MIC GAIN:
-5 dB ~ +5 dB

Sound Auto setting (AUTO SET)

Depending on your calling environment, choose one of the settings below which gives the best sound quality.

Setting contents:

TYPE1 (Initial setting) / TYPE2 / TYPE3 / TYPE4 / TYPE5

TYPE1:
Standard Mode (recommended)

TYPE2:
Enhances the noise reduction

TYPE3:
Enhances the echo-cancel

TYPE4:
Enhances both noise reduction and echo-cancel

TYPE5:
Weakens both noise reduction and echo-cancel

Note

- *The functions below are designed to improve the sound quality of the outgoing call.*
  Noise reduction: This function can reduce the road noise, but excessive enhancement may affect the sound quality of the call.
  Echo-cancel: This function can reduce the echo, but excessive enhancement may affect the sound quality of the call.

Setting the caller information display ON/OFF

You can choose whether to use this function according to the following setting.

▌**Setting item:** CALLER ID

Setting contents:

ON (Initial setting) / OFF

If you want to keep the ID information of the caller from others, set this item to OFF. Depending on the stored ID information, while you are dialing a number, only telephone number will be displayed or telephone name will be displayed as "ID UNSENT"; During a call, "NO NAME" will be displayed; Or while a call is dialing in, only telephone number will be displayed or telephone name will be displayed as "NO NAME".

Phone Book Auto Update ON/OFF

You can set whether to update the phone book automatically.

▌**Setting item:** PB UPDATE

Setting contents:

ON (Initial setting) / OFF

ON:
When the mobile phone reconnects with this unit, the phone book will update.

OFF:
The phone book will not update.

Setting the BLUETOOTH Menu language

The BLUETOOTH Menu can be switched within 6 languages.

▌**Setting item:** BT MENU

Setting contents:

ENGLISH (Initial setting) / DEUTSCH / FRANCAIS / ESPANOL / ITALIANO / NEDERLANDS

Changing the Phone book List Order

The phone book is listed alphabetically by the first letter of FIRST or LAST NAME.
Listing by FIRST NAME is the default but LAST NAME can be selected.

Setting item: PB ORDER

Setting contents:
FIRST NAME (Initial setting) / LAST NAME

Note

- *"WAITING" will be displayed while the Phone book order is switching. You can quit the "WAITING" screen to perform other operations by pressing ⮌ when the ordering is still in progress. At this time, the phone book is not accessible. In addition, the ordering may affect the playback of BT AUDIO.*

Setting the Received Calls automatically (Auto Answer)

When a call is received, you can set whether to receive it automatically or not.

Setting item: AUTO ANS

Setting contents:
AT ANS ON / AT ANS OFF (Initial setting)

AT ANS ON:
When a call is received, it is answered automatically after about 5 seconds.

AT ANS OFF:
When a call is received, it is not answered automatically. Press ✆ to receive the call.

Note

- *If the received call setting on the mobile phone is on, the call will be answered automatically even though this setting is set to OFF.*

Displaying the phone service provider name

The service provider name of the connected BLUETOOTH compatible device will be displayed. If a BLUETOOTH compatible device is not connected, "ID UNSENT" will be displayed.

Setting item: SEV NAME

Note

- *Depending on the character type some phone service provider name cannot be displayed. "ID UNSENT" will be displayed.*

Selecting the output speaker

Choose the speaker in your vehicle from which you want to hear the call.

Setting item: SPEAKER SL

Setting contents:
ALL (Initial setting) / FRONT-L / FRONT-R / FRONT-LR

ALL:
The sound be output from all of speakers in car.

FRONT-L:
The sound only be output from the front left speaker.

FRONT-R:
The sound only be output from the front right speaker.

FRONT-LR:
The sound be output from the front left and front right speaker.

Displaying the firmware version

The current firmware version will be displayed.

Setting item: FW VERSION

Updating the firmware

Future BLUETOOTH firmware updates may become available for phone interoperability.
For information to update your BLUETOOTH firmware, please visit your local Alpine web site or choose your country from Alpine Europe top page (http://www.alpine-europe.com).

Setting item: FW UPDATE

Setting contents:
UPDATE NO (Initial setting) / UPDATE YES

Hands-Free Phone Control

About the Hands-Free Phone

Hands-free calls are possible when using a HSP (Head Set Profile) and HFP (Hands-Free Profile) compatible mobile phone with this unit.

Notes

- *Avoid performing a hands-free call in heavy traffic or on narrow or winding streets.*
- *Close the windows while calling to reduce background noise.*
- *If both calling parties are using hands-free devices, or the call is made in a noisy location, difficulty hearing the other person's voice is normal.*
- *Depending on telephone line conditions or certain mobile devices used, voices may sound unnatural.*
- *When using a microphone, speak as directly as you can into the microphone to pick up the best sound quality.*
- *Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality.*
  Always contact your service provider about feature availability and functionality.
  All features, functionality, and other product specifications, as well as the information contained in the Owner's Manual are based upon the latest available information and are believed to be accurate at the time of printing.
  Alpine reserves the right to change or modify any information or specifications without notice or obligation.

Answering a Call

Incoming calls are announced by the received call ring tone and a displayed message (PHONE).

Press ✆.
The call starts.

Notes

- *When "AUTO ANS" is set to AT ANS ON, you can receive a call automatically. Refer to "Setting the Received Calls automatically (Auto Answer)" on page 26.*
- *While calling, the source sound on the unit is muted. After calling, playback will resume.*

Hanging up the Telephone

Press .

The call finishes.

Note

- *You can also hang up the call by pressing and holding for at least 2 seconds.*

Calling

Call History is recorded for the last dialled/received/missed calls (80 records for each). There are various ways of making calls based on the "Calling". The following steps 1 to 5 are common to the various ways of making these calls. For details, refer to each individual category for making calls.

1 **Press and hold for at least 2 seconds.**

The outgoing method list is displayed.

2 **Turn the Rotary encoder to select the outgoing mode.**

Setting contents:

When "BT MENU" is set to "ENGLISH".
VOICE DIAL / DIALLED / RECEIVED / MISSED / PHONE BOOK

VOICE DIAL:
Voice dial operation

DIALLED:
Dialled history

RECEIVED:
Received history

MISSED:
Missed incoming history

PHONE BOOK:
Mobile phone book

When "BT MENU" is set to "DEUTSCH".
SPRACHWAHL / GEWAEHLT / ANGENOMMEN / VERPASST / TEL-BUCH

When "BT MENU" is set to "FRANCAIS".
CP-VOCALE / COMPOSES / RECUS / MANQUES / REPERTOIRE

When "BT MENU" is set to "ESPANOL".
MARC VOCAL / REALIZADAS / RECIBIDAS / PERDIDAS / AGENDA

When "BT MENU" is set to "ITALIANO".
C VOCALE / EFFETTUATE / RICEVUTE / PERSE / RUBRICA

When "BT MENU" is set to "NEDERLANDS".
VOICE DIAL / GEKOZEN / ONTVANGEN / GEMISTE / TEL BOEK

Note

- *For details, refer to "Setting the BLUETOOTH Menu language" on page 25.*

3 **Press / ENTER.**

The outgoing mode is activated, and each mode list is displayed.

Note

- *It may take some time for the list to be displayed, and also directly after connection, the list may not be brought up to date.*

4 **Turn the Rotary encoder to select a name or a telephone number from the list.**

Note

- *You can use Phone book alphabet search function to search a name or number from Phone Book. For details, refer to "Phone book Alphabet Search Function" on page 28.*

5 **Press / ENTER.**

The selected telephone number will be called.
If one name has several numbers registered in the telephone book, press **/ ENTER** after selecting the name*, then turn the **Rotary encoder** to choose the desired number and press **/ ENTER**, the telephone will be called. Press and hold **/ ENTER** for at least 2 seconds after selecting the name, the default number of the name will be called. Depending on the connected mobile phone, this function may not be performed.

* *If the name cannot be recognized, default number will be displayed.*

Notes

- *Press to return to the previous mode.*
- *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*
- *The names registered in the telephone book are displayed. If the name is not registered, a number is displayed. If both name and number cannot be displayed, "ID UNSENT" will be displayed.*

Voice Dial Operation

You can make a call using voice commands.

▌**Setting item:** VOICE DIAL

When the VOICE DIAL mode is activated "SPEAK" is displayed. Say the telephone number*, name* you want to call into the microphone.

* *This message depends on the voice tag prestored in the mobile phone.*

Notes

- *You can perform this operation only when a voice dial compatible mobile phone is connected. If the mobile phone is not compatible with the voice dial, "NO SUPPORT" is displayed for 2 seconds.*
- *The Voice Dial function performance depends on the recognition range of the mobile phone and mounting location of the microphone. Please pay attention when the microphone is mounted.*
- *Voice dial operation depends on the function of the mobile phone. For details, refer to the Owner's Manual of the mobile phone.*
- *If a called person that you say is not found, "NO CALL" is displayed for 2 seconds.*

Redialing a Number In Outgoing History

Previously dialled telephone numbers are stored in dialled calls history. You can redial a number by searching from dialled calls history.

▌**Setting item:** DIALLED

Dialing a Number In Incoming History

Telephone numbers from received calls are stored in the Received List. You can redial these numbers by searching here.

▌**Setting item:** RECEIVED

Dialing a Number In Incoming Missed Call History

Telephone numbers for received calls that are missed, are stored in the Missed List. You can redial these numbers by searching here.

▌**Setting item:** MISSED

Dialing a Number In The Phone Book

Up to 1,000 names (at most 5 telephone numbers for each name) are downloadable from a mobile phone. Dial a call by selecting a person from the phone book list.

▌**Setting item:** PHONE BOOK

Notes

- *The order of the list display depends on the setting of "PB ORDER" (refer to "Changing the Phone book List Order" on page 26).*
- *If the call history or phone book of the mobile phone is added or deleted while it is connected to the unit, the list displayed on the unit may not be brought up to date. If it is not updated, you cannot correctly place a call.*
- *You can display the information of a number stored in phone book by pressing* **VIEW**. *Each press changes the display as Name → Telephone NO. → Telephone label* → Name*
  If the information can not be obtained, "NO NAME", "NO NUMBER" or "NO LABEL" will display.

* *The telephone label of a number depends on the number information stored in Phone book of the mobile phone, which includes 5 types-GENERAL, MOBILE, HOME, OFFICE, and OTHER.*

Phone book Alphabet Search Function

You can select the first three letters to search for a desired name in phone book list by using the Phone book alphabet search function.

For example:

Searching a name "Michael James"
The following example explains how the search is performed. Depending on the setting in PB ORDER (refer to "Changing the Phone book List Order" on page 26), the phone book is listed in first name or last name order. Please search for the first name or last name according to the setting.

1 **Press ▲ or ▼ while in the phone book list, the phone book alphabet search mode is activated.**

The letter selection list is displayed.

2 **Turn the Rotary encoder to select the first letter (e.g. M), and then press ►►I.**

The letter selection list is displayed.

3 **Turn the Rotary encoder to select the second letter (e.g. I), and then press ►►I.**

The letter selection list is displayed.

4 **Turn the Rotary encoder to select the third letter (e.g. C), and then press 🔍/ENTER.**

The names stored in phone book which begin with "MIC" are searched.

5 **Turn the Rotary encoder to select the desired name (e.g. Michael James), and then press 🔍/ENTER to make the call.**

Notes

- *The Alphabet Search Function is only applicable to English alphabetic characters, when "CYRILLIC" is set to OFF; Phone book alphabet search function is also applicable to Russian letters when "CYRILLIC" is set to ON. Refer to "Setting the Language (CYRILLIC)" on page 21.*
- *During steps 2 to 4, you can also press ▲ or ▼ to select the desired letter.*
- *If the selected name has several numbers registered in phone book, you need to turn the* **Rotary encoder** *to select the desired number, and then press* **🔍/ENTER**.
- *Press I◄◄ in step 3 or 4 to delete the current entry and return to the previous step.*
- *You can search for a name by its first letter, first two letters or first three letters. Press* **🔍/ENTER** *after entering the desired number of letters. A list displays the names beginning with the entered letter(s).*

Call waiting function

If a second call is received during a current call, you can have the first caller wait momentarily while you take the second call. When you are finished with one call, you can switch to the other one.

If a second call is received during the current call (call1), the information of second caller (call2) is displayed instead of the current caller's name. Press 2, the call waiting mode is activated.

In this case, call1 is on hold, while you take call2.

Notes

- *In the call waiting mode, press* **1** *or* **2** *to switch between the current call and the person on hold.*
- *In the call waiting mode, press and hold* **1** *or* **2** *for at least 2 seconds to hang up call1 or call2, and the other call will be answered automatically.*
- *In the call waiting mode, you can press* **VIEW** *to change the display between waiting number (1or 2) and caller name.*

Preset a number in the Phone Menu (Shortcut dial)

Assign numbers that you dial frequently to presets for quick recall. You can assign up to six frequently called phone numbers to number presets.

Select a number you want to preset from the Phone Menu list (PHONE BOOK, DIALLED, etc.). Press and hold any one of the preset buttons (1 through 6) as the one that you wish to store the number for at least 2 seconds.

The phone number you selected is stored in presets.

Notes

- *If the name has several numbers registered in the phone book, press* **🔍/ENTER** *after selecting the name. Turn the* **Rotary encoder** *to choose the desired number. Press and hold any one of the* **preset buttons (1 through 6)** *for at least 2 seconds. The selected number is stored as a preset number.*
- *A total of 18 phone numbers can be stored in the preset memory (6 numbers for each mobile phone in the paired device list). If a mobile phone is deleted from the paired device list, the stored preset numbers of this mobile phone are deleted, even when it is paired again.*
- *If you store a phone number in a preset with a previously stored number, the current number will be cleared and replaced by the new one.*

Dialing the preset number

1 **Press any one of the preset buttons (1 through 6) that has had a number stored in the phone mode.**

The information (name/number) stored in the preset station is displayed.

2 **Press 🔍/ENTER.**

The stored preset number is dialed directly.

Adjusting the volume when receiving a Call

While calling, you can adjust the volume.

Turn the Rotary encoder to adjust the volume.

Note

- *You may need to increase volume from your regular audio listening source level. However, increasing the volume excessively may result in feedback. Feedback is directly related to the volume. Turning down the volume as low as acceptable, will reduce it. Positioning the microphone in a direction away from the main car speakers (e.g. clipped on sun visor) may also reduce feedback at high volume.*

Muting the microphone input quickly (Voice Mute)

While calling, activating the Voice Mute function will instantly mute the microphone input. Your voice will not be heard by the caller.

While calling, press ►/II to mute the microphone input.

Press ►/II again will bring the microphone input back to its previous volume level.

Call Switching Operation

While making a call, this function allows you to initiate the transfer of the audio between the mobile phone and the speakers in the car.

While calling, press and hold 🔍/ENTER or ►/II for at least 2 seconds to switch the call sound between the unit and mobile phone.

Note

- *Depending on the mobile phone, this operation may not be performed.*

BLUETOOTH Audio Operation

Audio information of a BLUETOOTH compatible mobile phone, a portable player, etc., is controllable/playable wirelessly* from this unit.

* *To play back audio, a mobile phone or a portable player conforming to A2DP (Advanced Audio Distribution Profile) and AVRCP (Audio/Video Remote Control Profile) is required.*
Not all functions work with all devices.

Notes

- *Set "AUDIO" to ON when you want to use BLUETOOTH Audio function. Refer to "Setting the BLUETOOTH Connection (BT IN)" on page 24.*
- *During a call, sound on the BLUETOOTH audio source is muted.*
- *If you operate the Hands-free phone (e.g. searching in the phonebook) while using the BLUETOOTH Audio function, BLUETOOTH Audio playback may be affected.*

Recalling the BLUETOOTH Audio Mode

Press SOURCE/⏻ to select the BT AUDIO mode.

Selecting the desired Song

Press I◄◄.

Returns the beginning of the song being played back.

Press ►►I.

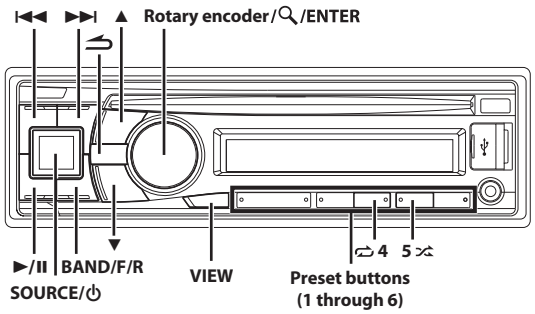
Forwards the next song.
Pressing and holding I◄◄ or ►►I will fast backward/fast forward track continuously.

Pausing

Press ►/II.

A playback stops. Pressing again will resume a playback.

USB Memory (optional)



Connecting USB Memory (optional)

If a USB Memory device is connected to the unit, MP3/WMA/AAC files can be played back.

Note

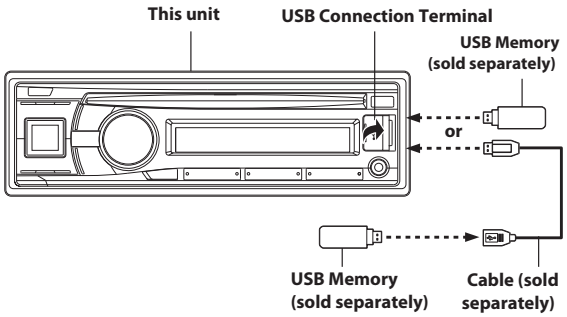
- *When TAG is set in "Setting the USB Search Mode" (refer to "Setting the USB Search Mode" on page 22), BANKING is displayed for several seconds each time a Flash Memory device is connected or Ignition is cycled.*

There are two USB connectors on this unit, you can choose to connect a USB Memory to Front USB Connection Terminal or Rear USB Connector.

When connect USB Memory to Front USB Connection Terminal

1 **Open the cover of the USB Connection Terminal.**

2 **Connect the USB Memory directly to the USB Connection Terminal, or via the USB cable.**



Remove USB Memory from Front USB Connection Terminal

1 **Carefully, pull out the USB Memory from the USB cable or the USB Connection Terminal.**

2 **Close the cover of the USB Connection Terminal.**

Notes

- *Change to a source other than the USB Memory mode, then remove the USB Memory. If the USB Memory is removed in the USB Memory mode, data may be damaged.*
- *When removing USB Memory, pull it out straight.*
- *If sound is not output or USB Memory is not recognized even when USB Memory is connected, remove USB Memory once, and then reconnect.*
- *After removing the USB Memory, close the cover of the USB Connection Terminal to prevent dust or foreign objects from entering and causing a malfunction.*
- *On how to connect a USB Memory to Rear USB Connector, refer to "Rear USB Memory Connection (sold separately)" on page 43.*

Using the USB Memory Banking Function

When a USB Memory is connected, the follows description is available only when TAG is set in "Setting the USB Search Mode" (refer to "Setting the USB Search Mode" on page 22).

What is a Bank?

A bank is a unit of up to 1,000 songs, which is stored in memory. "BANKING" refers to the grouping of songs available in USB Memory, in banks of 1,000 songs each. However, unless the following estimates are followed, the total number of songs stored could be less.

Playlists: 20 (32 characters; 64 bytes)
Genres: 10 (32 characters; 64 bytes)
Composers: 30 (32 characters; 64 bytes)
Artists: 30 (32 characters; 64 bytes)
Albums: 100 (32 characters; 64 bytes)
Titles: 1,000 (32 characters; 64 bytes)
Folders: 100 (32 characters; 64 bytes)
Files: 1,000 (32 characters; 64 bytes)
File Paths: 1,000 (128 characters; 256 bytes)

About Banking

While a bank is being built up, "BANKING" is displayed. Banking occurs whenever a USB Memory device is connected or after power to the head unit turns on.
It can take anywhere from a few seconds to up to several minutes for banking to complete. This depends on the number of files and folders in USB Memory.

Available operations while Banking

- During Banking, the information display changes so the VIEW operation is not available.
- With a song playing, Regular fast-forwarding and next song selection is available.
- While Banking, the song playback order may differ from the song order in the USB Memory device.
- Searching is not recommended during the Banking process as the database is under construction at this time, and malfunction may result in some cases.

This unit has a BANK function that automatically divides every 1,000 songs stored in USB Memory into individual banks to make searching and playing back a song easier. A maximum of 1,000 songs for one bank can be stored according to the order stored in USB Memory. A maximum of 20 banks (20,000 songs) can be recognized.

Bank No.	Song number
Bank1	1~1,000
Bank2	1,001~2,000
⋮	⋮
Bank20	19,001~20,000

Playback

1 Press SOURCE/ ⏻ to select the USB mode.

Depending on which USB Connector you used, press **BAND/F/R** to switch USB source between FRONT and REAR.

2 Press ⏮ or ⏭ to select the desired track (file).

Pressing and holding ⏮ or ⏭ will fast backward/fast forward track continuously.

3 To pause playback, press ⏯.

Pressing ⏯ again will resume playback.

Notes

- *Any file protected by DRM (Digital Rights Management) copy protection, cannot be played back on this unit.*
- *The playback time may not be correctly displayed when a VBR (Variable Bit Rate) recorded file is played back.*
- *If there is tag information, artist name/album name/track name is displayed.*
- *If an MP3/WMA/AAC file contains ID3 tag/WMA tag information, the ID3 tag/WMA tag information is displayed (e.g., song name, artist name, and album name). All other tag data is ignored.*
- *"NO SUPPORT" is displayed when text information is not compatible with this unit.*
- *Before disconnecting USB Memory, be sure to change to another source or set to pause.*
- *Press* **VIEW** *to switch the display. For details, refer to "Displaying the Text" on page 19.*

Searching for a desired Song

You can select to search a song by Tag information or (FILE NAME) mode. Before you search a song, select your desired search mode in "Setting the USB Search Mode" (refer to "Setting the USB Search Mode" on page 22).

Searching by Tag information

Before performing the following procedures, make sure TAG is selected in "Setting the USB Search Mode" (refer to "Setting the USB Search Mode" on page 22).
A Flash Memory Device can contain hundreds of songs. By using file tag information and keeping these songs organized in playlists, this unit's search functions will ease song searches.
Each music category has its own individual hierarchy. Use the Bank*1/ Playlists/Artists/Albums/Songs/Genres/Composers/Folders/Files search mode to narrow searches based on the table below.

Hierarchy 1	Hierarchy 2	Hierarchy 3	Hierarchy 4	Hierarchy 5
Bank*1	Playlist	Song	—	—
Bank*1	Artist*	Album*	Song	—
Bank*1	Album*	Song	—	—
Bank*1	Song	—	—	—
Bank*1	Genre*	Artist*	Album*	Song
Bank*1	Composer*	Album*	Song	—
Bank*1	Folder	File	—	—
Bank*1	File	—	—	—

**1 A maximum of 1,000 songs for one bank can be stored according to the order stored in Flash Memory. However, song stored order in bank may differ from the song order in the Flash Memory device in some case.*

For example:

Searching by Artist name

The following example explains how an Artists search is performed. Another search mode can be used for the same operation, although the hierarchy differs.

Searching by artist name

1 **Press 🔍 / ENTER to activate the search selection mode.**

2 **Turn the Rotary encoder to select a desired Bank, and then press 🔍 / ENTER.**

3 **Turn the Rotary encoder to select the Artist search mode, and then press 🔍 / ENTER.**

PLAYLIST ↔ ARTIST ↔ ALBUM ↔ SONG ↔ GENRE ↔ COMPOSER ↔ FOLDER ↔ FILE ↔ PLAYLIST

4 **Turn the Rotary encoder to select the desired Artist, and then press 🔍 / ENTER.**

5 **Turn the Rotary encoder to select an album, and then press 🔍 / ENTER.**

6 **Turn the Rotary encoder to select a song and press 🔍 / ENTER.**

The selected song is played back.

Searching by (FILE NAME) mode

Before performing the following procedures, make sure FILE NAME is selected in "Setting the USB Search Mode" (refer to "Setting the USB Search Mode" on page 22).

Flash Memory can contain hundreds of songs. By organizing songs by folder, you can quickly find a desired folder/file. This operation is similar to search a folder/file from PC.

1 **Press 🔍 / ENTER to activate the search mode.**

2 **Turn the Rotary encoder to select a desired folder/file.**

When a folder is searched, 🗀 indicator lights up.
When a file is searched, 🎵 indicator lights up.

3 **Press 🔍 / ENTER to play the selected file or enter the selected folder.**

Press and hold 🔍 / ENTER for at least 2 seconds to play back all songs in the selected folder.

4 **If a folder is opened in Step 3, Repeat Steps 2 to 3 until the desired folder/file is found.**

Notes

- *In the Tag search mode, after pressing and holding 🔍 / ENTER for at least 2 seconds while in each hierarchy (except Song and File hierarchy), all songs of the selected hierarchy are played back.*
- *Even if the songs belong to the same playlist, they may be saved in different BANK.*
- *After selecting [ALL] in the Tag search mode with "*", press and hold 🔍 / ENTER for at least 2 seconds to play back all songs in the selected search mode.*
- *While in the search mode, if you press and hold ⮌ for at least 2 seconds, or no operation is performed for 60 seconds, the search mode is cancelled.*
- *The root folder of Flash Memory is displayed as "\ROOT".*
- *When the bank is changed during Repeat play, the Repeat play will be cancelled.*
- *In the search mode, pressing ⮌ will return to the previous mode.*
- *When search is made during M.I.X. play, the M.I.X. play mode will be cancelled.*
- *If any one of the **preset buttons (1 through 6)** is pressed in the search mode, a search can be made quickly by skipping to the specified location. For details, refer to "Direct Search Function" on page 34.*
- *In the Tag search mode, a search can be made quickly by Alphabet search function to find the desired artist or song, etc. For details, refer to "Alphabet Search Function (Tag search mode only)" on page 32.*
- *In the (FILE NAME) search mode, a search can be made quickly by USB Skip function to find the desired folder/file. For details, refer to "Setting the USB Skip function" on page 23.*
- *When searching for a song, artist, etc., in Flash Memory, the display order may be incorrect if the character code of the file tag information is mixed.*

Repeat Play

1 **Press 🔁 4.**

The song is played back repeatedly.

When a song is searched by Tag information

🔁*1 → 🔁🗀*2 → 🔁🗀*3 → (off) → 🔁

When a folder/file is searched by (FILE NAME) mode

🔁*1 → 🔁🗀*4 → (off) → 🔁

**1 Only a file is repeatedly played back.*

**2 According to the artist information of the current song, a playlist about all the songs with the same artist of the Bank are made into a playlist, which then starts to play back.*

**3 According to the album information of the current song, a playlist about all the songs with the same album of the Bank are made into a playlist, which then starts to play back.*

**4 Only files in a folder are repeatedly played back.*

2 **To cancel repeat play, select (off) with the above procedure.**

Note

- *During repeat play, setting M.I.X. to ON will cancel the repeat play.*

M.I.X. (Random Play)

1 **Press 5 🔀.**

The songs are played back in random sequence.

When a song is searched by Tag information

🔀🗀*1 → 🔀 ALL*2 → (off) → 🔀🗀

When a folder/file is searched by (FILE NAME) mode

🔀🗀*3 → 🔀 ALL*4 → (off) → 🔀🗀

**1 Song shuffle randomly plays back songs within a selected category (playlist, album, etc.). The songs within the category are played just once until all songs have been played.*

**2 All songs in the current Bank are played back in random sequence. Any one song does not play back again until all songs have been played back.*

**3 All songs in the current folder are played back in random sequence. Any one song does not play back again until all songs have been played back.*

**4 All songs in the Flash Memory are played back in random sequence. Any one song does not play back again until all songs have been played back.*

2 **To cancel M.I.X. play, select (off) with the above procedure.**

Notes

- *When a song is played back during Random (M.I.X.) play in the USB mode, the song can be played back again randomly even if not all songs in the current Bank or Flash Memory have been played back.*
- *During M.I.X. play, setting repeat play to ON will cancel the M.I.X. play.*

- *During repeat play, etc., the track number display for M.I.X. play may be incorrect.*

Select Playlist/Artist/Album/Genre/Composer/Folder

Playlist/Artist/Album/Genre/Composer/Folder can be easily changed. For example, if you listen to a song from a selected album, the album can be changed.

Press ▲ or ▼ to select the desired Playlist/Artist/Album/Genre/Composer/Folder.

Notes

- *If the song search mode was used to select a song, this function is inactive.*
- *If an album is selected during an artist search, other albums by that artist are searchable.*
- *This function is inactive during M.I.X. playback.*
- *This function is inactive during RPT ALBUM/RPT ARTIST playback.*

Alphabet Search Function (Tag search mode only)

Quickly find an artist, album, etc. by the first letter in its title or name.

1 **During Tag search mode, press ▲ or ▼ to activate Alphabet Search function.**

2 **Turn the Rotary encoder or press ▲ or ▼ to select the desired initial letter (e.g. select "M"), and then press 🔍/ENTER.**

A list which begins with the selected initial letter is searched.

3 **Turn the Rotary encoder to select the desired item (which begins with initial letter "M"), and then press 🔍/ENTER.**

The item is selected.

Notes

- *The Alphabet Search Function is only applicable to English alphabetic characters.*
- *Characters not readable by the head unit cannot be searched.*
- *If the Song search mode is activated in Playlist search, this function is invalid.*

Quick Search

You can search for a song from all songs in current bank of Flash Memory without selecting an album, artist, etc.

1 **Press and hold 🔍/ENTER for at least 2 seconds to activate Quick Search mode.**

2 **Turn the Rotary encoder to select a desired track (file).**

The selected track is played back immediately.

Note

- *Press ⮌ in the search mode to cancel. Or, the search mode is cancelled if no operation is performed for 10 seconds.*

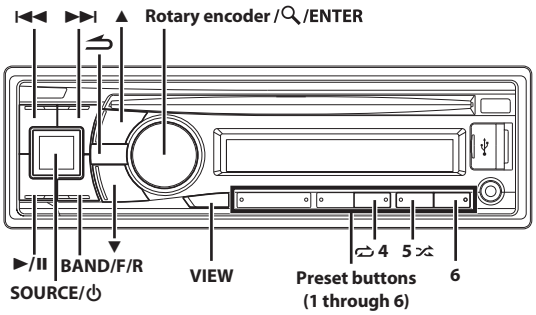
Search Position Memory

During playback, you can quickly return to the last-selected hierarchy level in the search mode.

Press ⮌.

The hierarchy you selected last in the search mode is displayed.

iPod/iPhone (optional)



Connecting an iPod/iPhone

An iPod/iPhone can be connected to this unit by using the Interface cable for iPod (included with iPod/iPhone). When an iPod/iPhone is connected to this unit, you can choose to control the iPod/iPhone using its own controls or by the head unit controls. For details, refer to "Setting the iPod Control" on page 33.

Notes

- *Internet and telephone functions of the iPod touch or iPhone, etc., can also be used while connected to this unit. Using these functions will stop or pause the currently playing songs. During this time, do not operate the unit to avoid a malfunction.*
- *If you connect an iPhone to this unit, it can be used as an iPod. If you use iPhone as a hands-free phone, use the unit in which the BLUETOOTH function is built.*
- *There are two USB connectors on this unit, you can choose to connect an iPod/iPhone to Front USB Connection Terminal or Rear USB Connector. On how to connect an iPod/iPhone to this unit, refer to "iPod/iPhone Connection (sold separately)" on page 42.*
- *Do not leave an iPod/iPhone in a car, as its mechanism is sensitive to high temperature and humidity conditions, and damage may result.*

About iPod/iPhone models usable with this unit

- Confirmed devices regarding Made for iPod. Correct function of earlier versions cannot be guaranteed.
  iPod touch (4th generation): Ver.4.3
  iPod nano (6th generation): Ver.1.0.0
  iPod touch (3rd generation): Ver.4.3
  iPod nano (5th generation): Ver.1.0.2
  iPod classic (160 GB) (Late 2009): Ver.2.0.4
  iPod touch (2nd generation): Ver.4.2.1
  iPod nano (4th generation): Ver.1.0.4
  iPod classic (120 GB): Ver.2.0.1
  iPod touch (1st generation): Ver.3.1.3
  iPod nano (3rd generation): Ver.1.1.3
  iPod classic (80 GB, 160 GB): Ver.1.1.2
  iPod nano (2nd generation): Ver.1.1.3
- Confirmed devices regarding Made for iPhone. Correct function of earlier versions cannot be guaranteed.
  iPhone 4S: Ver.5.0.1
  iPhone 4: Ver.4.2.1
  iPhone 3GS: Ver.4.3
  iPhone 3G: Ver.4.2.1
  iPhone: Ver.3.1.3
- For clarity in identifying your model of iPod, please see Apple's own document "Identifying iPod models" at http://support.apple.com/kb/HT1353
- This unit does not support video playback from iPod/iPhone, even using a video-compatible cable.

Setting the iPod Control

When an iPod/iPhone is connected, operate it from its own controls or from the head unit.

Press and hold 🔍/ENTER for at least 2 seconds to switch iPod control mode between HU (HEAD UNIT) and iPod.

Once the control mode is changed, this will set pause status, press ►/II to continue.

HU (HEAD UNIT):
Operate the iPod/iPhone via this unit.

iPod:
Operate the iPod/iPhone using its own controls. When iPod is selected, some functions will not be operable via the head unit.

Note

- *Depending upon the iPod used, iPod control may not be selectable. Or, if iPod is selected, operation must still be from the head unit.*

Playback

1 Press SOURCE/⏻ to switch to the iPod mode.

Depending on which USB Connector you used, press **BAND/F/R** to switch iPod source between FRONT and REAR.

2 Press I◄◄ or ►►I to select the desired song.

Pressing and holding I◄◄ or ►►I will fast backward/fast forward the current track.

3 To pause playback, press ►/II.

Pressing ►/II again will resume playback.

Notes

- *A song playing on the iPod/iPhone while it is connected to this unit will continue to play from where it was paused after disconnection.*
- *If you listen to an episode from a selected Podcast or Audiobook, the episode can be changed by pressing ▲ or ▼.*
- *An episode may have several chapters. The chapter can be changed by pressing I◄◄ or ►►I.*

Searching for a desired Song

An iPod/iPhone can contain hundreds of songs. By using file tag information and keeping these songs organised in playlists, this unit's search functions will ease song searches.
Each music category has its own individual hierarchy. Use the Playlist/Artist/Album/Song/Podcast/Genre/Composer/Audiobook search mode to narrow searches based on the table below.

Hierarchy 1	Hierarchy 2	Hierarchy 3	Hierarchy 4
Playlist	Song	—	—
Artist*	Album*	Song	—
Album*	Song	—	—
Song	—	—	—
Podcast	Episode	—	—
Genre*	Artist*	Album*	Song

Hierarchy 1	Hierarchy 2	Hierarchy 3	Hierarchy 4
Composer*	Album*	Song	—
Audiobook	—	—	—

For example:

Searching by Artist name

The following example explains how an ARTIST search is performed. Another search mode can be used for the same operation, although the hierarchy differs.

1 **Press 🔍 / ENTER to activate the search selection mode.**

The "🔍" indicator lights up.

2 **Turn the Rotary encoder to select the ARTIST search mode, and then press 🔍 / ENTER.**

PLAYLIST ↔ ARTIST ↔ ALBUM ↔ SONG ↔ PODCAST ↔ GENRE ↔ COMPOSER ↔ AUDIOBOOK ↔ PLAYLIST

3 **Turn the Rotary encoder to select the desired Artist, and then press 🔍 / ENTER.**

4 **Turn the Rotary encoder to select the desired Album, and then press 🔍 / ENTER.**

5 **Turn the Rotary encoder to select the desired Song, and then press 🔍 / ENTER.**

Notes

- *This function is unavailable when iPod is selected in "Setting the iPod Control" (refer to "Setting the iPod Control" on page 33).*
- *After pressing and holding 🔍 / ENTER for at least 2 seconds while in each hierarchy (except SONG and AUDIOBOOK hierarchy), all songs of the selected hierarchy are played back.*
- *After selecting [ALL] in the search mode with"*", press and hold 🔍 / ENTER for at least 2 seconds to play back all songs in the iPod/iPhone or selected search mode.*
- *While in the search mode, if you press and hold ⮌ for 2 seconds, or no operation is performed for 60 seconds, the search mode is cancelled.*
- *In the search mode, pressing ⮌ will return to the previous mode.*
- *When search is made during M.I.X. play, the M.I.X. play mode will be cancelled.*
- *When search is made during song downloading on iPhone, "UPDATING" will be displayed for a few second and the search mode will be cancelled.*
- *"NO SONG" will be displayed if there are no songs in the selected playlist in the PLAYLIST search mode.*
- *"NO PODCAST" will be displayed if there is no podcast data in the iPod/iPhone in the PODCAST search mode.*
- *"NOAUDIOBOK" will be displayed if there is no audiobook data in the iPod/iPhone in AUDIOBOOK search mode.*
- *If "iPod name" stored in the iPod/iPhone is selected in the desired Playlist search mode, and 🔍 / ENTER is pressed, you can search for all songs in the iPod/iPhone. Also, if you press and hold 🔍 / ENTER for at least 2 seconds, all songs in the iPod/iPhone are played back.*
- *Depending on the iPod/iPhone, podcast search is not supported.*
- *If any one of the* **preset buttons (1 through 6)** *is pressed in the search mode, a search can be made quickly by skipping to the specified location. For details, refer to "Direct Search Function" on page 34.*
- *During search mode, a search can be made quickly by Alphabet search function to find the desired artist or song, etc. For details, refer to "Alphabet Search Function" on page 34.*

Direct Search Function

The unit's direct search function can be used to search for an album, song, etc., more efficiently. In PLAYLIST/ARTIST/ALBUM/SONG/PODCAST/GENRE/COMPOSER/AUDIOBOOK mode, you can quickly target any song.

In the search mode, press any one of the preset buttons (1 through 6) to quickly skip over a designated percent of your song content.

Song search example:

If there are 100 songs in your iPod/iPhone, they are divided into 6 groups using percentages (shown below). These groups are assigned to the preset buttons (1 through 6).

Example 1:

Suppose the song you are searching for is located at around the middle (50%) of your library: press button 4 to jump to the 50th song and turn the **Rotary encoder** *to find the desired song.*

Example 2:

Suppose the song you are searching for is located near the end (83%) of your library: press button 6 to jump to the 83rd song and turn the **Rotary encoder** *to find the desired song.*

	All 100 songs (100%)					
	0%	17%	33%	50%	67%	83%
Preset buttons	1	2	3	4	5	6
Songs	1st song	17th song	33rd song	50th song	67th song	83rd song

Note

- *This function is inactive during Alphabet Search mode.*

Select Playlist/Artist/Album/Genre/Composer/Episode

Playlist/Artist/Album/Genre/Composer/Episode can be easily changed. For example, if you listen to a song from a selected album, the album can be changed.

Press ▲ or ▼ to select the desired Playlist/Artist/Album/Genre/Composer/Episode.

Notes

- *If the song search mode was used to select a song, this function is inactive.*
- *If an album is selected during an artist search, other albums by that artist are searchable.*
- *This function is inactive during shuffle (M.I.X.) playback.*

Alphabet Search Function

Quickly find an artist, album, etc. by the first letter in its title or name.

1 **During search mode, press ▲ or ▼ to activate Alphabet Search function.**

2 **Turn the Rotary encoder or press ▲ or ▼ to select the desired initial letter (e.g. select "M"), and then press 🔍 / ENTER.**

A list which begins with the selected initial letter is searched.

3 **Turn the Rotary encoder to select the desired item (which begins with initial letter "M"), and then press 🔍/ENTER.**

The item is selected.

Notes

- *The Alphabet Search Function is only applicable to English alphabetic characters.*
- *While in Alphabet search mode, pressing ⮌ will return to the previous mode.*
- *If the PLAYLIST search mode is used to search for a song, the Alphabet search function is inactive in the song search hierarchy.*

Search Position Memory

During iPod/iPhone playback, you can quickly return to the last-selected hierarchy level in the search mode.

Press ⮌.

The hierarchy you selected last in the search mode is displayed.

Note

- *This function is unavailable when iPod is selected in "Setting the iPod Control" (refer to "Setting the iPod Control" on page 33).*

Random Play Shuffle (M.I.X.)

The Shuffle function of the iPod/iPhone is displayed as ⤮ on this unit.

Shuffle Albums:
The songs on each album are played back in the order they were recorded. Upon completion of all the songs on the album, the next album is selected randomly. This continues until all albums have been played.

Shuffle Songs:
Song shuffle randomly plays back songs within a selected category (playlist, album, etc.). The songs within the category are played just once until all songs have been played.

1 **Press 5 ⤮.**

The songs are played back in random sequence.
⤮🗀*1 → ⤮🗀*2 → (off) → ⤮🗀

*1 *Shuffle Albums.*
*2 *Shuffle Songs.*

2 **To cancel M.I.X. play, select (off) with the above procedure.**

Note

- *If a song is selected in the album search mode before selecting M.I.X. play, the songs will not play back randomly even when Shuffle Albums is selected.*

Shuffle ALL:
Shuffle ALL plays all songs in the iPod/iPhone randomly. Any one song does not play back again until all songs have been played back.

1 **Press 6.**

The songs are played back in random sequence.
⤮ ALL → (off) → ⤮ ALL

* *Shuffle ALL.*

2 **To cancel M.I.X. play, select (off) with the above procedure.**

Notes

- *If Shuffle ALL is selected, the selected songs being played back in the search mode are cancelled.*
- *This function is unavailable when iPod is selected in "Setting the iPod Control" (refer to "Setting the iPod Control" on page 33).*

Repeat Play

Only Repeat One is available for the iPod/iPhone.

Repeat One:
A single song is repeatedly played back.

1 **Press 🔁 4.**

The song is played back repeatedly.
🔁* → (off) → 🔁

* *Repeat One.*

2 **To cancel repeat play, select (off) with the above procedure.**

Note

- *Depending on the connected iPod, track up/down may be not available during Repeat play.*

Displaying the Text

You can display the tag information of a song in the iPod/iPhone.

Press VIEW.

Each press changes the display.

Note

- *When the TEXT SCR is set to SCR MANUAL, press and hold ▼ for at least 2 seconds, the current text will be scrolled one time.*

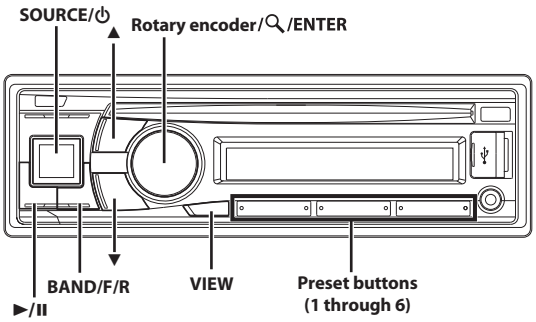
TRACK NO./ELAPSED TIME → ARTIST NAME* → ALBUM NAME* → SONG TITLE* → TRACK NO./ELAPSED TIME

* *TAG information*
"ARTIST"/"ALBUM"/"SONG" is displayed if there is no tag information.

Notes

- *Only alphanumeric characters (ASCII) can be displayed.*
- *The maximum number of characters for the head unit is 128 (128 byte).*
- *Some characters may not be correctly displayed.*
- *"NO SUPPORT" is displayed if text information is not supported by the unit.*

vTuner internet radio (iPhone) (Optional)



vTuner is your guide to Internet streamed media. The vTuner platform connects your Internet enabled iPhone to the wide world of streamed music, talk, etc.

Notes

- *Some of the vTuner application functionality for iPhone or iPod touch is not available when using the CDE-135BT.*
- *vTuner is also usable from an iPod touch with Wi-Fi connection.*
- *Be aware that the vTuner function will consume your communication fee.*

Listening to vTuner

1 **Launch the vTuner Application on the iPhone.**

2 **Press SOURCE/⏻ to switch to the VTUNER mode.**

Notes

- *Depending on which USB Connector you used, press* **BAND/F/R** *to switch vTuner source between FRONT and REAR.*
- *The vTuner source can be displayed only when VTUNER is set to ON. For details, refer to "Setting the vTuner Source" on page 23.*
- *When VTUNER VL is set to other than 0 dB in "Setting the vTuner Volume" (refer to "Setting the vTuner Volume" on page 23), vTuner source volume may be higher (or lower) than other sources.*

3 **To pause playback, press ►/II.**

Pressing **►/II** again will resume playback.
If the broadcasting programme is not transmitted by streaming media, when playback is continued, it will begin at the position it was paused.

Note

- *vTuner audio could drop out in areas with poor phone coverage.*

Storing the desired station to Favourite List

You can store a station to the Favourite List by following steps.

Press ▲ when the station you want to store is broadcasting.

The ♡ indicator will light up after the station is added to Favourite List successfully.
FAIL will be displayed if the station fails to be added to Favourite List or while the Favourite List is full you want to add station to it.

Note

- *The number of stations that can be added to the Favourite List depends on the vTuner application.*

Jumping to Favourite station

During vTuner source, press any one of preset buttons (1 through 6).

The relevant station (1 through 6) stored in Favourite List begins to broadcast and ♡ indicator lights up.

Notes

- *Preset 1 to 6 are stations stored in the Favourite List in order of 1~6.*
- *You can also choose a stored station from FAVORITES search in search mode.*

Deleting stored station from Favourite List

1 **Tune to a stored (favourite) station.**

When a stored (favourite) station is broadcasting, ♡ indicator will light up.

2 **Press ▼.**

The ♡ indicator will go off after the station is deleted from Favourite List.
FAIL will be displayed if the station fails to be deleted from Favourite List.

Searching for a Desired Station

You can display your station list and select stations directly from the CDE-135BT.

Search a station from Favourite list:

1 **Press 🔍/ENTER to activate the Search mode.**

2 **Turn the Rotary encoder to select "FAVORITES", and then press 🔍/ENTER.**

The "FAVORITES" search mode is activated and the stored station names are listed. The T indicator lights up at this time.

3 **Turn the Rotary encoder to select the desired station, and then press 🔍/ENTER.**

vTuner will play that station and ♡ indicator will light up.

Search by other modes:

vTuner provides you many ways to search a station, such as by Genre, Location, etc. And some search categories may include many search hierarchies. For details, please visit http://www.vtuner.com.

1 **Press 🔍/ENTER to activate the search mode.**

2 **Turn the Rotary encoder to select the desired search category, and then press 🔍/ENTER.**

3 **Turn the Rotary encoder to select the desired subcategory/station within the selected category, and then press🔍/ENTER.**

4 **After step 3 if the 📁 indicator still lights up, repeat step 3 until the desired station is searched.**

Notes

- *indicator lighting up means there is subcategory during search mode.*
  indicator lighting up means the current category is last search hierarchy.
- *While in the search mode, if you press and hold for 2 seconds, or no operation is performed for 60 seconds, the search mode is cancelled.*
- *In the search mode, pressing will return to the previous search hierarchy.*
- *Depending on the vTuner application, search category, search hierarchy, etc., may differ.*
- *During last search hierarchy, press* **VIEW** *will change the display.*
- *In some cases, certain search mode may not work, or some stations cannot play normally.*
- *The provided stations are subject to change, please visit the home page of vTuner for the latest information.*

Changing the Display

Press VIEW.

Station Name → Genre Name → Language → Station Name

Notes

- *Only alphanumeric characters can be displayed.*
- *The maximum number of characters is 128 (128 byte).*
- *Some characters may not be correctly displayed.*

Information

In Case of Difficulty

If you encounter a problem, please turn the power off, then on again. If the unit is still not functioning normally, please review the items in the following checklist. This guide will help you isolate the problem if the unit is at fault. Otherwise, make sure the rest of your system is properly connected or consult your authorized Alpine dealer.

Basic

No function or display.

- Vehicle's ignition is off.
  - If connected following instructions, the unit will not operate with the vehicle's ignition off.
- Improper power lead (Red) and battery lead (Yellow) connections.
  - Check power lead and battery lead connections.
- Blown fuse.
  - Check the fuse of the unit; replace with the proper value if necessary.
- Internal micro-computer malfunctioned due to interference noise etc.
  - Press the **RESET** switch with a ballpoint pen or other pointed article.

Radio

Unable to receive stations.

- No antenna or open connection in cable.
  - Make sure the antenna is properly connected; replace the antenna or cable if necessary.

Unable to tune stations in the seek mode.

- You are in a weak signal area.
  - Make sure the tuner is in the DX mode.
- If the area you are in is a primary signal area, the antenna may not be grounded and connected properly.
  - Check your antenna connections; make sure the antenna is properly grounded at its mounting location.
- The antenna may not be the proper length.
  - Make sure the antenna is fully extended; if broken, replace the antenna with a new one.

Broadcast is noisy.

- The antenna is not the proper length.
  - Extend the antenna fully; replace it if it is broken.
- The antenna is poorly grounded.
  - Make sure the antenna is grounded properly at its mounting location.

CD

CD Player not functioning.

- Out of operating temperature range +50°C (+120°F) for CD.
  - Allow the vehicle's interior (or trunk) temperature to cool.

CD playback sound is wavering.

- Moisture condensation in the CD Module.
  - Allow enough time for the condensation to evaporate (about 1 hour).

CD insertion not possible.

- A CD is already in the CD player.
  - Eject the CD and remove it.

- The CD is being improperly inserted.
  – Make sure the CD is being inserted following instructions in the CD Player Operation section.

Unable to fast forward or backward the CD.
- The CD has been damaged.
  – Eject the CD and discard it; using a damaged CD in your unit can cause damage to the mechanism.

CD playback sound skips due to vibration.
- Improper mounting of the unit.
  – Securely re-mount the unit.
- The disc is very dirty.
  – Clean the disc.
- The disc has scratches.
  – Change the disc.
- The pick-up lens is dirty.
  – Do not use a commercially available lens cleaner disc. Consult your nearest Alpine dealer.

CD playback sound skips without vibration.
- The disc is dirty or scratched.
  – Clean the disc; damaged disc should be replaced.

Error displays (built-in CD player only).
- Mechanical error
  – Press ⏏. After the error indication disappears, insert the disc again. If the above-mentioned solution does not solve the problem, consult your nearest Alpine dealer.

CD-R/CD-RW playback not possible.
- Close session (finalisation) has not been performed.
  – Perform finalisation and attempt playback again.

MP3/WMA/AAC

MP3, WMA or AAC is not played back.
- Writing error occurred. The MP3/WMA/AAC format is not compatible.
  – Make sure the MP3/WMA/AAC has been written in a supported format. Refer to "About MP3/WMA/AAC" on page 15, then rewrite in the format supported by this device.

Audio

The sound is not output from the speakers.
- Unit has no output signal of the internal amplifier.
  – POWER IC is switched to "ON", refer to "Connecting to an External Amplifier (POWER IC)" on page 21.

iPod

iPod does not play and no sound is output.
- The iPod has not been recognised.
  – Reset this unit and the iPod. Refer to "Initial System Start-Up" on page 9. To reset the iPod, refer to the Owner's Manual of the iPod.

Indication for CD Player

NO DISC

- No CD is inserted.
  – Insert a CD.
- Although a disc is inserted, "NO DISC" is displayed and the unit does not start to play or eject the disc.
  – Remove the disc by following these steps:
  Press the ⏏ button again for at least 2 seconds.
  If the disc still does not eject, consult your Alpine dealer.

ERROR

- Mechanism error.
  1 **Press the ⏏ button and eject the CD.**
  If not ejecting, consult your Alpine dealer.
  2 **When the error indication remains after ejecting, press the ⏏ button again.**
  If the error indication still does not turn off after pressing the ⏏ button for a few times, consult your Alpine dealer.
- When "ERROR" is displayed:
  If the disc cannot be ejected by pressing ⏏, press the **RESET** switch (Refer to "Initial System Start-Up" on page 9) and press ⏏ again.
  If the disc still cannot be ejected, consult your Alpine dealer.

PROTECT

- A copy-protected WMA file was played back.
  – You can only play back non-copy-protected files.

UNSUPPORT

- A sampling rate/bit rate not supported by the unit is used.
  – Use a sampling rate/bit rate that is supported by the unit.

Indication for USB Memory

ERROR-01

- Database error or decoder error.
  – You can solve the problem by switching the source.

ERROR-02

- Communication error or boot error, etc.
  – You can solve the problem by reconnecting the Flash Memory or changing source.

ERROR-04

- Abnormal current is run to the USB Flash Memory device.
  – You can solve the problem by switching the source.

NO SONG or NO FILE

- No song (file) is stored in the Flash Memory.
  – Connect the Flash Memory device after storing songs (files).

UNSUPPORT

- A sampling rate/bit rate not supported by the unit is used.
  – Use a sampling rate/bit rate that is supported by the unit.

PROTECT

- A copy-protected WMA file was played back.
  – You can only play back non-copy-protected files.

NO SUPPORT

- Text information that is not recognizable by the unit is being used.
  – Change the text information to text that is supported by the unit.

Indication for iPod Mode

NO SONG

- There are no songs in the iPod/iPhone.
  – Download songs to the iPod/iPhone.

ERROR-01

- Database error or decoder error.
  – Replace the iPod/iPhone.

ERROR-02

- Communication error or boot error, etc.
  – You can solve the problem by reconnecting the iPod/iPhone or using a different iPod/iPhone.

ERROR-03

- The iPod/iPhone is not verified.
  – You can solve the problem by reconnecting the iPod/iPhone.

ERROR-04

- Abnormal current is run to the USB connector device.
  – You can solve the problem by switching the source.

UPDATING

- The search mode is activated during song downloading.
  – No necessary operation.

Indication for vTuner Mode

NO STATION

- The application cannot stream the audio data or the station has been deleted, etc.
  – Change another station.

SERVER ERR

- There is something wrong with vTuner's server.
  – Wait until the connection recovery or change to other source by pressing **SOURCE/⏻**.

NO SUPPORT

- The selected station's audio file format cannot be supported by vTuner application.
  – Select another station.

(Blank)

- The vTuner application installed for the first time.
- The resuming playback station is deleted from iPhone.
  – Select another station.

SEE DEVICE

- The music cannot be played because the vTuner Compatible Application for iPhone requires the user's attention. Or no vTuner application is installed in iPhone.
  – When you are not driving, please see the vTuner Compatible Application for iPhone.

NO SERVICE

- The device cannot be connected to vTuner internet radio. Or the connected iPhone does not support vTuner.
  – Change another iPhone that supports vTuner.
  – Select a source other than vTuner by pressing **SOURCE/⏻**.

BUFFERING

- The iPhone is buffering broadcast programmes while receiving or after receiving the station.
  – Wait until the buffering finishes.

LOADING

- The loading is in process to display the receivable station list.
- The station list is being transferred.
  – No necessary operation.

BLUETOOTH mode

NO UNIT

- The BLUETOOTH device is not connected.
  – Connect the BLUETOOTH device.

Specifications

FM TUNER SECTION

Tuning Range	87.5~108.0 MHz
Mono Usable Sensitivity	0.7 µV
Alternate Channel Selectivity	80 dB
Signal-to-Noise Ratio	65 dB
Stereo Separation	35 dB
Capture Ratio	2.0 dB

MW TUNER SECTION

Tuning Range	531~1,602 kHz
Sensitivity (IEC Standard)	25.1 µV/28 dB

LW TUNER SECTION

Tuning Range	153~281 kHz
Sensitivity (IEC Standard)	31.6 µV/30 dB

CD PLAYER SECTION

Frequency Response	5~20,000 Hz (±1 dB)
Wow & Flutter (% WRMS)	Below measurable limits
Total Harmonic Distortion	0.008% (at 1 kHz)
Dynamic Range	95 dB (at 1 kHz)
Signal-to-Noise Ratio	105 dB
Channel Separation	85 dB (at 1 kHz)

USB SECTION

USB requirements	USB 1.1/2.0
Max. Power Consumption	500 mA
USB Class	Mass Storage
File System	FAT 12/16/32
MP3 Decoding	MPEG AUDIO Layer-3
WMA Decoding	Windows Media™ Audio
AAC Decoding	AAC-LC format ".m4a" file
Number of Channels	2-Channel (Stereo)
Frequency Response*	5~20,000 Hz (±1 dB)
Total Harmonic Distortion	0.008% (at 1 kHz)
Dynamic Range	95 dB (at 1 kHz)
Signal-to-Noise Ratio	105 dB
Channel Separation	85 dB (at 1 kHz)

* *Frequency response may differ depending on the encoder software/bit rate.*

PICKUP

Wave length	795 nm
Laser power	CLASS I

BLUETOOTH SECTION

BLUETOOTH Specification	BLUETOOTH V 3.0
Output Power	+4 dBm Max. (Power class 2)
Profile	HFP (Hands-Free Profile) HSP (Head Set Profile) A2DP (Advanced Audio Distribution Profile) AVRCP (Audio/Video Remote Control Profile)

GENERAL

Power Requirement	14.4 V DC (11~16 V allowable)
Maximum Power Output	50 W × 4
Maximum Pre-Output Voltage	4 V/10 k ohms
Bass	±14 dB at 60 Hz
Mid	±14 dB at 1 kHz
Treble	±14 dB at 10 kHz
Loudness	10 dB at 100 Hz
Weight	1.6 kg (3 lbs. 8 oz)

CHASSIS SIZE

Width	178 mm (7")
Height	50 mm (2")
Depth	163 mm (6~3/8")

NOSEPIECE SIZE

Width	170 mm (6~3/4")
Height	46 mm (1~13/16")
Depth	25 mm (1")

Note

- *Due to continuous product improvement, specifications and design are subject to change without notice.*

⚠CAUTION

(Bottom side of player)

Installation and Connections

Before installing or connecting the unit, please read the following and refer to "Operating Instructions" on page 6 for proper use.

⚠ WARNING

MAKE THE CORRECT CONNECTIONS.

Failure to make the proper connections may result in fire or product damage.

USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

BEFORE WIRING, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL.

Failure to do so may result in electric shock or injury due to electrical shorts.

DO NOT SPLICE INTO ELECTRICAL CABLES.

Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.

DO NOT DAMAGE PIPE OR WIRING WHEN DRILLING HOLES.

When drilling holes in the chassis for installation, take precautions so as not to contact, damage or obstruct pipes, fuel lines, tanks or electrical wiring. Failure to take such precautions may result in fire.

DO NOT USE BOLTS OR NUTS IN THE BRAKE OR STEERING SYSTEMS TO MAKE GROUND CONNECTIONS.

Bolts or nuts used for the brake or steering systems (or any other safety-related system), or tanks should NEVER be used for installations or ground connections. Using such parts could disable control of the vehicle and cause fire etc.

KEEP SMALL OBJECTS SUCH AS BATTERIES OUT OF THE REACH OF CHILDREN.

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

DO NOT INSTALL IN LOCATIONS WHICH MIGHT HINDER VEHICLE OPERATION, SUCH AS THE STEERING WHEEL OR SHIFT LEVER.

Doing so may obstruct forward vision or hamper movement etc. and results in serious accident.

⚠ CAUTION

HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS.

The wiring and installation of this unit requires special technical skill and experience. To ensure safety, always contact the dealer where you purchased this product to have the work done.

USE SPECIFIED ACCESSORY PARTS AND INSTALL THEM SECURELY.

Be sure to use only the specified accessory parts. Use of other than designated parts may damage this unit internally or may not securely install the unit in place. This may cause parts to become loose resulting in hazards or product failure.

ARRANGE THE WIRING SO IT IS NOT CRIMPED OR PINCHED BY A SHARP METAL EDGE.

Route the cables and wiring away from moving parts (like the seat rails) or sharp or pointed edges. This will prevent crimping and damage to the wiring. If wiring passes through a hole in metal, use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST.

Avoid installing the unit in locations with high incidence of moisture or dust. Moisture or dust that penetrates into this unit may result in product failure.

⚠ PRECAUTIONS

- Be sure to disconnect the cable from the (–) battery post before installing your CDE-135BT. This will reduce any chance of damage to the unit in case of a short-circuit.
- Be sure to connect the colour coded leads according to the diagram. Incorrect connections may cause the unit to malfunction or damage to the vehicle's electrical system.
- When making connections to the vehicle's electrical system, be aware of the factory installed components (e.g. on-board computer). Do not tap into these leads to provide power for this unit. When connecting the CDE-135BT to the fuse box, make sure the fuse for the intended circuit of the CDE-135BT has the appropriate amperage. Failure to do so may result in damage to the unit and/or the vehicle. When in doubt, consult your Alpine dealer.
- The CDE-135BT uses female RCA-type jacks for connection to other units (e.g. amplifier) having RCA connectors. You may need an adaptor to connect other units. If so, please contact your authorized Alpine dealer for assistance.
- Be sure to connect the speaker (–) leads to the speaker (–) terminal. Never connect left and right channel speaker cables to each other or to the vehicle body.

IMPORTANT

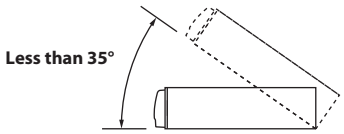
Please record the serial number of your unit in the space provided below and keep it as a permanent record. The serial number or the engraved serial number is located on the bottom of the unit.

SERIAL NUMBER: [ ]
INSTALLATION DATE: [ ]
INSTALLATION TECHNICIAN: [ ]
PLACE OF PURCHASE: [ ]

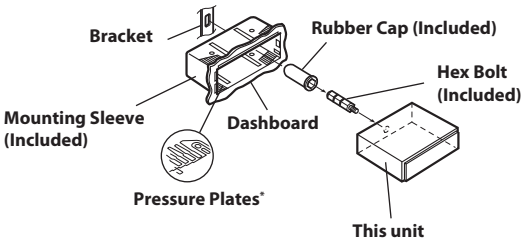
Installation

⚠CAUTION

When you install this unit in your car, do not remove the detachable front panel.
If the detachable front panel is removed during installation, you might press too hard and warp the metal plate that holds it in place.
The main unit must be mounted within 35 degrees of the horizontal plane, back to front.

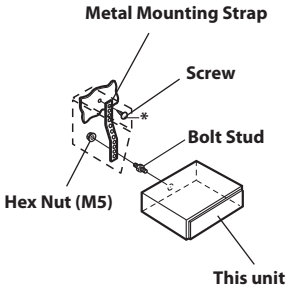


1 **Remove the mounting sleeve from the main unit (Refer to "Removal" on page 42). Slide the mounting sleeve into the dashboard and fix it with the metal shackles.**



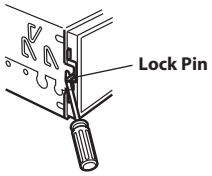
* *If the installed mounting sleeve is loose in the dashboard, the pressure plates may be bent slightly to remedy the problem.*

2 **When your vehicle has the Bracket, mount the long hex bolt onto the rear panel of the CDE-135BT and put the Rubber Cap on the hex bolt. If your vehicle does not have the Mounting Support, reinforce the head unit with the metal mounting strap (not supplied). Connect all the leads of the CDE-135BT according to details described in the CONNECTIONS section.**



* *For the screw*, provide a proper screw to the chassis installing location.*

3 **Slide the CDE-135BT into the dashboard. When the unit is in place, make sure the locking pins are fully seated in the down position. This can be done by pressing firmly in on the unit while pushing the locking pin down with a small screwdriver. This ensures that the unit is properly locked and will not accidentally come out from the dashboard. Install the detachable front panel.**



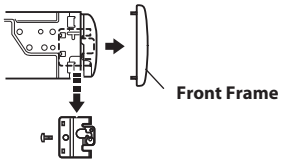
Removal

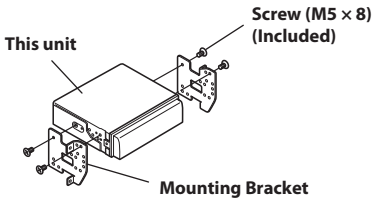
1 **Remove the detachable front panel.**

2 **Use a small screwdriver (or similar tool) to push the locking pins to the "up" position (see above drawing). As each pin is unlocked, gently pull out on the unit to make sure it does not re-lock before unlocking the second pin.**

3 **Pull the unit out, keeping it unlocked as you do so.**

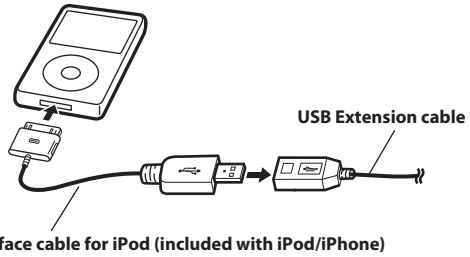
JAPANESE CAR





iPod/iPhone Connection (sold separately)

1 **Connect USB cable to an iPod/iPhone with Interface cable for iPod.**

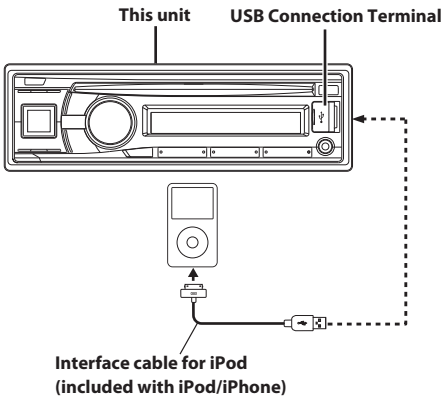


2 **Connect the USB cable to the USB connector of this unit.**

When connect to Front USB Connection Terminal

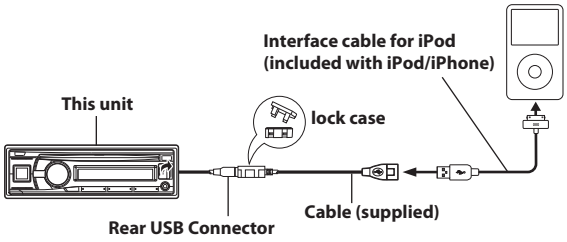
1 **Open the cover of the USB Connection Terminal.**

2 **Connect the Interface cable for iPod directly to the USB Connection Terminal, or via the USB cable.**



When connect to Rear USB Connector

Connect the USB cable to the Rear USB connector of the unit, and then secure the connection using the lock case supplied with USB cable as shown below.



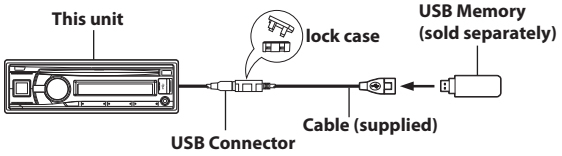
Notes

- *This unit can charge the iPod/iPhone of the current source, and it may stop charging when another source is switched.*
- *After changing the unit to a source other than the USB iPod, remove the iPod/iPhone. If the iPod/iPhone is removed in the USB iPod mode, data may cause damage.*
- *If sound is not output or the iPod/iPhone is not recognised even when the iPod/iPhone is connected, remove the iPod/iPhone once, then connect it again, or reset the iPod.*

Rear USB Memory Connection (sold separately)

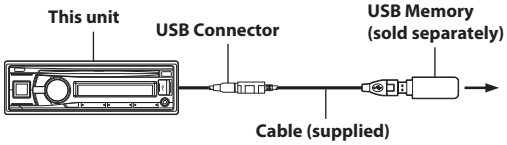
Connect USB Memory

Connect the USB cable to the Rear USB connector of the unit, and then secure the connection using the lock case supplied with USB cable as shown below.



Remove USB Memory

Pull out USB Memory squarely from the USB cable.



Notes

- *When removing USB Memory, pull it out straight.*
- *If sound is not output or USB Memory is not recognized even when USB Memory is connected, remove USB Memory once, then connect it again.*
- *Change to a source other than the USB Memory mode, then remove the USB Memory. If the USB Memory is removed in the USB Memory mode, data may be damaged.*
- *Route the USB cable away from another cables.*

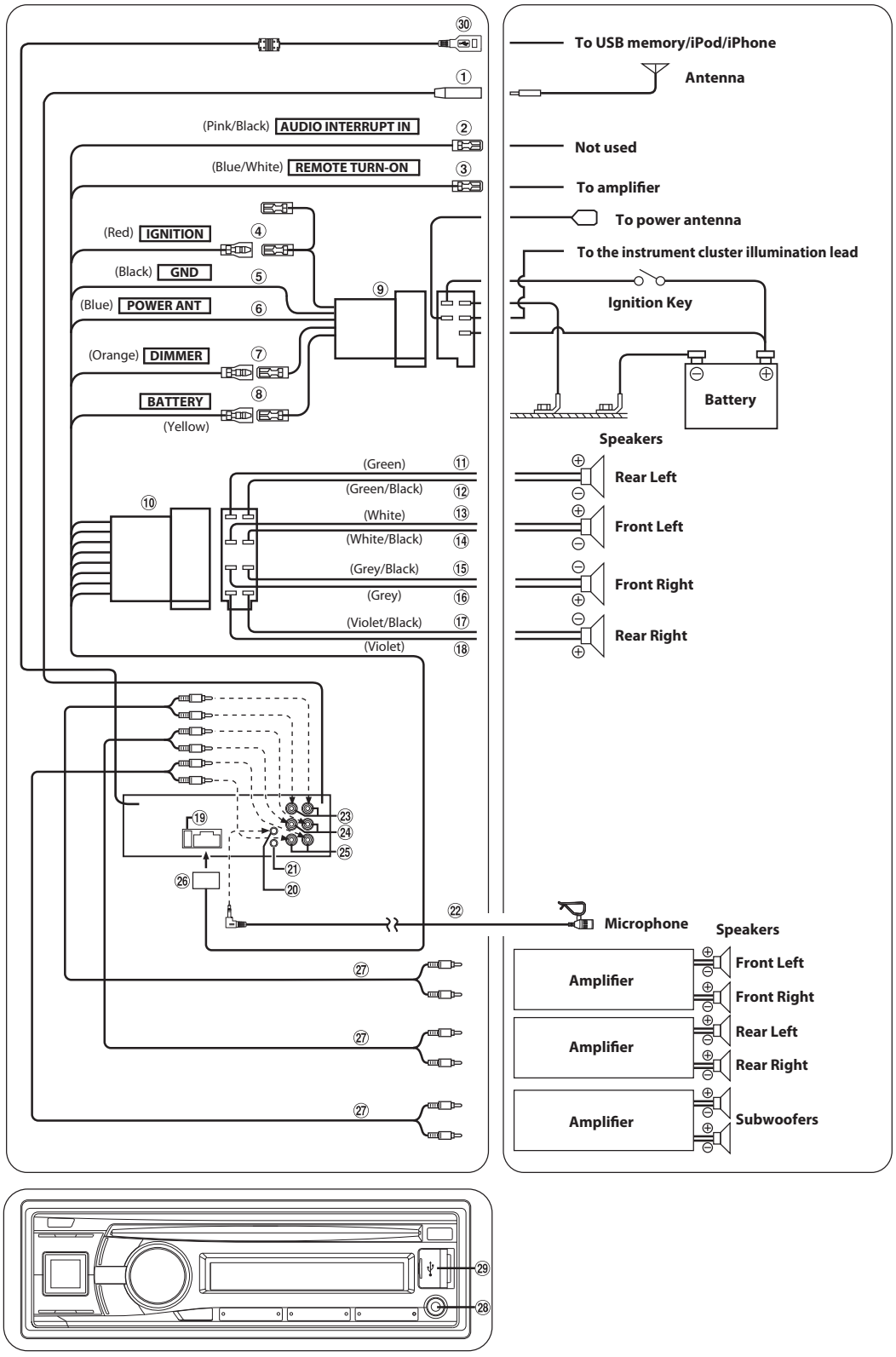
Mounting the Microphone

For the sake of safety, mount the microphone in the following location.

- In a stable and secure location.
- In a location that does not inhibit safely driving the vehicle.
- Mount the microphone in a location where the driver's voice can easily be picked up.

Choose a location for the microphone that can easily pick up the drivers voice. Requiring the driver to move towards the microphone for audibility causes a distraction that could be dangerous.

Connections



① **Antenna Receptacle**

② **Not used**

③ **Remote Turn-On Lead (Blue/White)**

Connect this lead to the remote turn-on lead of your amplifier or signal processor.

④ **Switched Power Lead (Ignition) (Red)**

Connect this lead to an open terminal on the vehicle's fuse box or another unused power source which provides (+) 12V only when the ignition is turned on or in the accessory position.

⑤ **Ground Lead (Black)**

Connect this lead to a good chassis ground on the vehicle. Make sure the connection is made to bare metal and is securely fastened using the sheet metal screw provided.

⑥ **Power Antenna Lead (Blue)**

Connect this lead to the +B terminal of your power antenna, if applicable.

Note

- *This lead should be used only for controlling the vehicle's power antenna. Do not use this lead to turn on an amplifier or a signal processor, etc.*

⑦ **Dimmer Lead (Orange)**

This lead may be connected to the vehicle's instrument cluster illumination lead. This will enable the vehicle's dimmer control to dim the backlighting of the unit.

⑧ **Battery Lead (Yellow)**

Connect this lead to the positive (+) post of the vehicle's battery.

⑨ **ISO Power Supply Connector**

⑩ **ISO Connector (Speaker Output)**

⑪ **Left Rear (+) Speaker Output Lead (Green)**

⑫ **Left Rear (–) Speaker Output Lead (Green/Black)**

⑬ **Left Front (+) Speaker Output Lead (White)**

⑭ **Left Front (–) Speaker Output Lead (White/Black)**

⑮ **Right Front (–) Speaker Output Lead (Grey/Black)**

⑯ **Right Front (+) Speaker Output Lead (Grey)**

⑰ **Right Rear (–) Speaker Output Lead (Violet/Black)**

⑱ **Right Rear (+) Speaker Output Lead (Violet)**

⑲ **Fuse Holder (10A)**

⑳ **MIC Input Connector**

To Microphone.

㉑ **Steering Remote Control Interface Connector**

To steering remote control interface box. For details, contact your Alpine dealer.

㉒ **Microphone (Included)**

㉓ **Front Output RCA Connectors**

RED is right and WHITE is left.

㉔ **Rear Output RCA Connectors**

RED is right and WHITE is left.

㉕ **Subwoofer Output RCA Connectors**

RED is right and WHITE is left.

㉖ **Power Supply Connector**

㉗ **RCA Extension Cable (sold separately)**

㉘ **Front AUX Input Terminal**

This terminal allows for input of audio from an external device (such as a portable player), using a commercially-available converter cable.

㉙ **Front USB Terminal**

Connect this to an USB Memory or to an iPod/iPhone.

㉚ **Rear USB Connector**

Connect this to a USB Memory/iPod/iPhone. To use an iPod/iPhone, Interface cable for iPod connection is required.

Notes

- *Use the supplied USB cable. If a USB cable other than the supplied is used, correct performance cannot be guaranteed.*
- *Route the USB cable away from other cables.*

To prevent external noise from entering the audio system.

- **Locate the unit and route the leads at least 10 cm away from the car harness.**
- **Keep the battery power leads as far away from other leads as possible.**
- **Connect the ground lead securely to a bare metal spot (remove any paint, dirt or grease if necessary) of the car chassis.**
- **If you add an optional noise suppressor, connect it as far away from the unit as possible. Your Alpine dealer carries various noise suppressors, contact them for further information.**
- **Your Alpine dealer knows best about noise prevention measures so consult your dealer for further information.**

About the Rules of Bluetooth Electromagnetic Radiation Regulation

CE

Declaration of Conformity

Declaration of Conformity

We, the undersigned,

Authorized representative in Europe	:	**Alpine Electronics (Europe) GmbH**
Address, City	:	**Wilhelm-Wagenfeld-Strasse 1-3, D-80807, Munich**
Country	:	**Germany**

certify and declare under our sole responsibility that the following apparatus :

Description	:	**CD Receiver**
Manufacturer	:	**Alpine Electronics, Inc.**
Brand	:	**ALPINE**
Identification	:	**CDE-135BT**
Installed BlueTooth module	:	**FC6000 (FC6000S)**
Test Report No.	:	
		Radio :MDE_PARRO_1101_RADa (7 layers AG)
		EMC :MDE_PARRO_1101_EMCa (7 layers AG)
		LVD : R051-26-11-101552/A Ed.0 (EMITECH ATLANTIQUE Lab.)

conforms with the essential requirements of the Radio and Telecommunications Terminal Equipment Directive 1999/5/EC, based on the following specifications applied:

Radio : EN300328 V1.7.1(2006-10)
EMC : EN301489-1 V1.8.1 (04/2008)
LVD : EN60950-1: 2006/A11: 2009)

and therefore complies with the essential requirements and provisions of the R&TTE Directive.

The Technical documentation is kept at the following address:

Company	:	**Alpine Electronics (Europe) GmbH**
Address, City	:	**Wilhelm-Wagenfeld-Strasse 1-3, D-80807, Munich**
Country	:	**Germany**
Phone number	:	**49(0)89-324264-240**
Fax number/e-mail	:	**49(0)89-324264-241**

Name and position of person binding the manufacturer or his authorized representative	:	**Shinichi Asuke** **Global Engineering Strategy Office** **Alpine Electronics, Inc.**
Signature of the authorized person	:	Shinichi Asuke
Date of issue	:	**February 17, 2012**